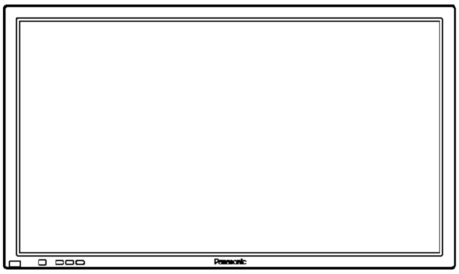
ORDER NO. ITD0107005C0
D10

Service Manual

Wide Plasma Display



TH-42PW4
TH-42PWD4

GP4D Chassis

Specifications

Power Source:	AC120V 50/60Hz (US model) AC220-240V 50/60Hz (Except US model)
Power Consumption:	395 W (US model) 295W (Except US model) 1.2W (stand-by condition) (US model) 1.8W (stand-by condition) (Except US model) 0.9W (Power off condition) (US model) 1.6W (Power off condition) (Expct US model)
Plasma Display panel:	Drive method AC type 42-inch, 16:9 aspect ratio
Contrast Ratio	3000:1
Brightness Capability	(Panel only) 780 cd / m^2 (As a set) 400 cd / m^2
Screen size:	920 mm (W)×518 mm (H)×1056 mm (diagonal) No. of pixels 408,960 (852 (W)×480 (H)) [2,556×480 dots]
Operating condition:	
Temperature	34 °F - 104 °F (0 °C - 40 °C)
Humidity	20 % - 80 %
Applicable signals:	
Color System	NTSC, PAL, PAL60, SECAM, Modified NTSC
Scanning format	525i (480i), 625i (575i), 525p (480p), 625 (575p), 750p (720p), 1125/60i, 50i, 24p, 24SF (1080/60i, 50i, 24p, 24SF) ....SMPTE 274M
PC signals	VGA display VGA SVGA, SXGA, UXGA ...... (compressed) Horizontal scanning frequency 15.5 - 110kHz Vertical scanning frequency 48 - 120Hz

Connection terminals:	
AV	
Video in	1.0 Vp-p (75-ohm)
S-VIDEO IN (MINI DIN 4PIN)	Y: 1 Vp-p (75-ohm), C: 0.286 Vp-p (75-ohm)
AUDIO IN (RCA PIN JACK × 2)	0.5 Vrms (high impedance)
COMPONENT/RGB	
Y/G	1.0 Vp-p/composite (75-ohm) 0.7 Vp-p/non-composite (75-ohm)
P_B/B	0.7 Vp-p (75-ohm)
P_R/R	0.7 Vp-p (75-ohm)
HD	1.0 - 5.0 Vp-p (high impedance)
VD	1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (RCA PIN JACK×2)	0.5 Vrms (high impedance)
PC	
(HIGH-DENSITY D-SUB15PIN)	R,G,B/0.7 Vp-p (75-ohm) HD, VD/1.0 - 5.0 Vp-p (high impedance)
AUDIO IN (M3.5 JACK)	0.5Vrms (high impedance)
SERIAL	
EXTERNAL CONTROL TERMINAL (D-SUB9PIN)	RS-232C COMPATIBLE
SPEAKERS (External speakers)	6Ω 8W×2 (10% THD)
Dimensions (W×H×D):	40.2” (1020 mm)24” (610mm) 3.5” (89 mm)
Weight (Mass)	approx. 65.0 lbs (29.0 kg) (main unit only) approx. 74.3 lbs (33.2kg) (with speakers)

Panasonic®

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Safety Precautions

1.1. General Guidelines

1. When servicing, observe the original lead dress. If a short circuit is found, replace all parts which have been overheated or damaged by the short circuit.
2. After servicing, see to it that all the protective devices such as insulation barriers, insulation papers shields are properly installed.
3. After servicing, make the following leakage current checks to prevent the customer from being exposed to shock hazards.

1.1.1. Leakage Current Cold Check

1. Unplug the AC cord and connect a jumper between the two prongs on the plug.
2. Measure the resistance value, with an ohmmeter, between the jumpered AC plug and each exposed metallic cabinet part on the equipment such as screwheads, connectors, control shafts, etc. When the exposed metallic part has a return path to the chassis, the reading should be between 1MΩ and 5.2MΩ.
   When the exposed metal does not have a return path to the chassis, the reading must be ∞ .

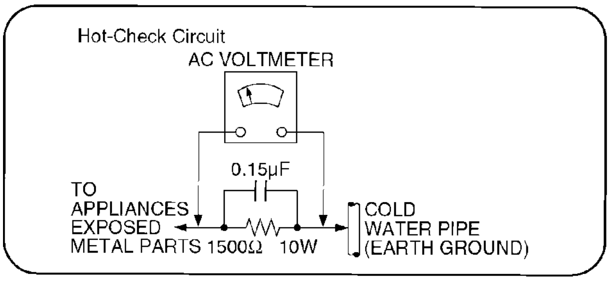


Figure 1

1.1.2. Leakage Current Hot Check (See Figure 1.)

1. Plug the AC cord directly into the AC outlet. Do not use an isolation transformer for this check.
2. Connect a 1.5kΩ, 10 watts resistor, in parallel with a 0.15μF capacitors, between each exposed metallic part on the set and a good earth ground such as a water pipe, as shown in Figure 1.
3. Use an AC voltmeter, with 1000 ohms/volt or more sensitivity, to measure the potential across the resistor.
4. Check each exposed metallic part, and measure the voltage at each point.
5. Reverse the AC plug in the AC outlet and repeat each of the above measurements.
6. The potential at any point should not exceed 0.75 volts RMS. A leakage current tester (Simpson Model 229 or equivalent) may be used to make the hot checks, leakage current must not exceed 1/2 milliamp. In case a measurement is outside of the limits specified, there is a possibility of a shock hazard, and the equipment should be repaired and rechecked before it is returned to the customer.

2 Prevention of Electro Static Discharge (ESD) to Electrostatically Sensitive (ES) Devices

Some semiconductor (solid state) devices can be damaged easily by static electricity. Such components commonly are called Electrostatically Sensitive (ES) Devices. Examples of typical ES devices are integrated circuits and some field-effect transistors and semiconductor "chip" components. The following techniques should be used to help reduce the incidence of component damage caused by electro static discharge (ESD).

1. Immediately before handling any semiconductor component or semiconductor-equipped assembly, drain off any ESD on your body by touching a known earth ground. Alternatively, obtain and wear a commercially available discharging ESD wrist strap, which should be removed for potential shock reasons prior to applying power to the unit under test.
2. After removing an electrical assembly equipped with ES devices, place the assembly on a conductive surface such as alminum foil, to prevent electrostatic charge buildup or exposure of the assembly.
3. Use only a grounded-tip soldering iron to solder or unsolder ES devices.
4. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static (ESD protected)" can generate electrical charge sufficient to damage ES devices.
5. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ES devices.
6. Do not remove a replacement ES device from its protective package until immediately before you are ready to install it. (Most replacement ES devices are packaged with leads electrically shorted together by conductive foam, alminum foil or comparable conductive material).
7. Immediately before removing the protective material from the leads of a replacement ES device, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution

   Be sure no power is applied to the chassis or circuit, and observe all other safety precautions.
8. Minimize bodily motions when handling unpackaged replacement ES devices. (Otherwise hamless motion such as the brushing together of your clothes fabric or the lifting of your foot from a carpeted floor can generate static electricity (ESD) sufficient to damage an ES device).

IMPORTANT SAFETY NOTICE

There are special components used in this equipment which are imporant for safety.
These parts are marked by ⚠ in the schematic diagrams, Exploded Views and replacement parts list. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire, or other hazards. Do not modify the original design without permission of manufacturer.

3 PCB Structure sheet of GP4D chassis

Board Name	US model Parts Number	except US model Parts Number	Function	Remarks
D	TZTNP01JCSE		Digital process & control	1, 4
J	TNPA2244		Separator / Audio Out	1
SS	TNPA2262		Scan out	1
SC	TNPA2261		Scan out	1
SU	TNPA2259		Sustain connection (Upper)	1
SD	TNPA2260		Sustain connection (Lower)	1
C1	TNPA2253		Data Drive (Upper Left)	
C2	TNPA2254		Data Drive (Upper Right)	
C3	TNPA2255		Data Drive (Lower Right)	
C4	TNPA2256		Data Drive (Lower Left)	
H3	TNPA2249		Speaker terminal	
S1	TNPA2283		Power switch	
SS2	TNPA2263		Sustain connection (Upper)	
SS3	TNPA2264		Sustain connection (Lower)	
V1	TNPA2282		Front SW. & Remote receiver	
F	TXN/F10JAS	TXN/F1JASE	Line filter	
P	TXN/P10JAS	TXNP11JASE	Power supply	1
P3	----	TNPA1777	Drive voltage oscillator	
P5	----	TNPA1778	Primary oscillator	
P6	----	TNPA1779	PFC oscillator	
P7	----	TNPA1780	Drive voltage protection	
P8	----	TNPA1781	Process voltage protection	
HX	TZTNP020JAS		PC_type_Input terminal	
HY	TNPA2245		BNC_type_Input terminal	2
HZ	TNPA2248		RCA type_Input terminal	3

Remarks

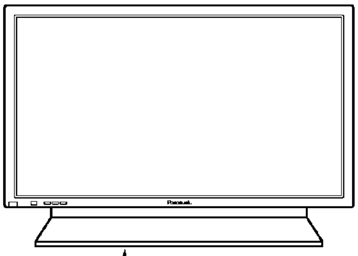
1. Recommend PCB´s for initial service for GP4D chassis.
2. For System model except UK, Europe
3. For Consumer model except UK, Europe
4. Parts number of System model is TZTNP01JASE

Note:

US model	TH-42PW4UZ, TH-42PWD4UY
Except US model	TH-42PW4AZ/BX/EX/HZ/RZ, TH-42PWD4AY/BX/EX/HY/RY

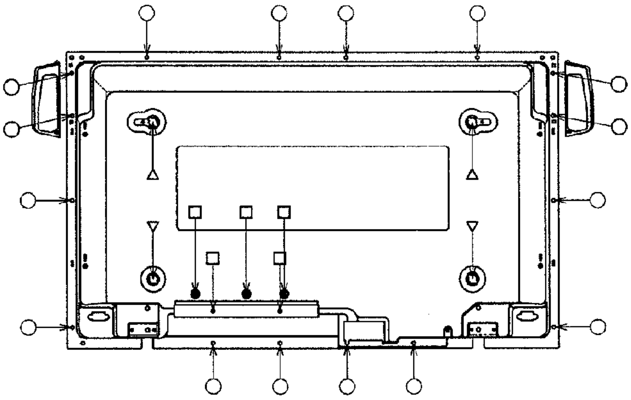
4 Service Hint

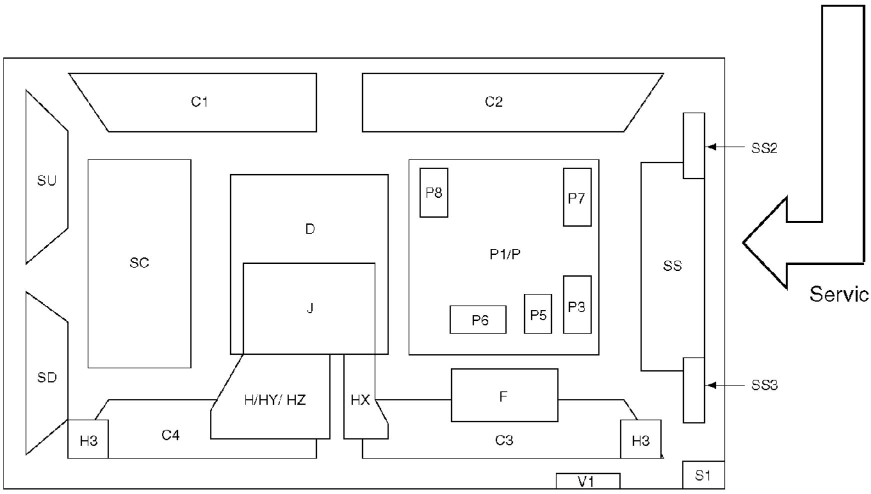
Stand the Unit used for Optional Accessory



Optional Accessory
(Pedestal)

Remove the Back Cover

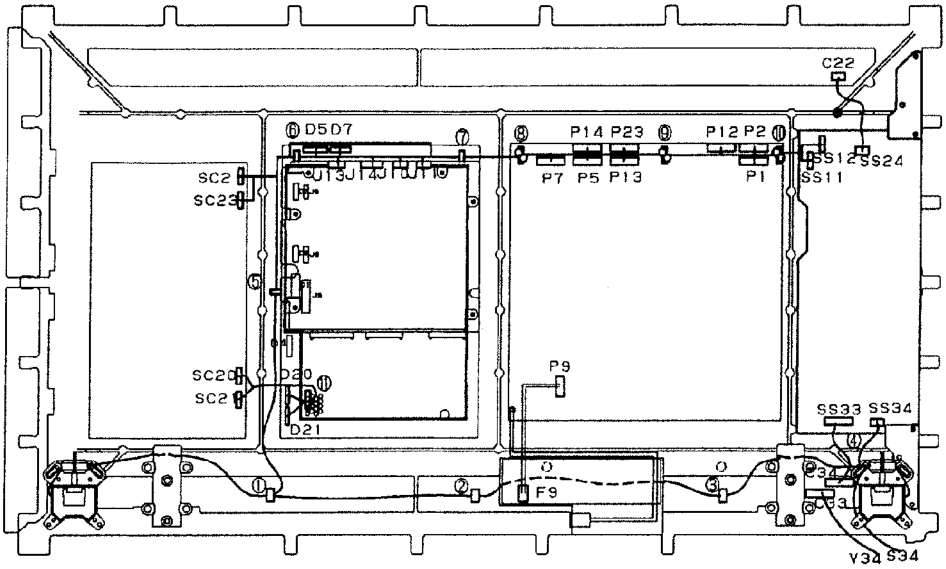



C1
C2
SS2
SU
SC
D
P8
P7
P1/P
SS
J
P6
P5
P3
SD
H/HY/ HZ
HX
F
SS3
H3
C4
C3
H3
V1
S1

Remove: 4 screws (△) XYN8+F20FZ
5 screws (□) THEL023Z
16 screws (○)
US consumer: XYN4+F38FZ
others : XYN4+FL43FZ

Service Position

5 Location of Lead Wiring


C22
⑥ D5 D7
⑦
⑧
P14 P23
⑨
P12 P2
⑩
SS12
SS24
SC2
SC23
J13 J14 J10 J11
P7 P5 P13
P1
SS11
⑤
P9
SC20
D20
⑪
SC21
D21
SS33 SS34
④
①
②
F9
③
S34
C33
V34
S34

CON:NO		CON:NO	①	②	③	④	⑤	⑥	⑦	⑧	⑨	⑩	⑪	○	○	○
SC20	——	D20											○			
SC21	——	D21											○			
P7	——	D7							○	○						
P5	——	D5							○	○						
SS12	——	P12										○				
SS11	——	P1										○				
SC2	——	P2						○	○	○	○					
SC23	——	P23						○	○	○						
J14	——	P14						○	◎	○						
J13	——	P13						○	◎	○						
J10	——	H37 (SC)	○	○	○		○	○								
J11	——	H37 (SS)	○				○	○								
S34	——	SS34				○										
	——															
	——															
	——															
	——															

◎ Wind up second times.

Connector Connection
P9, AC Inlet, J10, J11, C22, C33, C34, SS34,
D5, D7, P5, P7, P2, D20, D21, P23, P12

6 Adjustment Procedure

6.1. +B Set-up

6.1.1. Item / Preparation

1. Input a Grey scale signal.
2. Set the picture controls: -
   Picture mode: Normal
   White balance: Normal

6.1.2. Adjustments

Adjust and confirm indicated test point for the specified voltage.

Adjust

Test point	Voltage	Volume	Name
P4 pin 1 (Hot)	400V ±1V	R426 (P1) Except US	PFC
P1 pin 3	170V ±1V	R476 (P) US model R625 (P3) Expect US	Vsus
P2 pin 3	160V ±1V	R505 (P) US model R498 (P1) Except US	Vbk
P12 pin 1	67V ±0.5V	R473 (P) US model R519 (P1) Except US	Vda

Confirm

Test point	Voltage	Volume	Name
P23 pin 2	15V ±0.5V		+15V
P5 pin 1	13.5V ±0.5V		+13V
P13 pin 1	13.5V ±0.5V		Audio 15V
P13 pin 3	-13.5V ±0.5V		Audio -15V
P5 pin 5	5.1V ±0.3V		5V
P7 pin4	5V ±0.2V		STB5V (1)
P14 pin 8	5.0V ±0.3V		STB5V (2)
P10 pin 1	17.0V ±0.5V		FAN +B
P10 pin 4	5.1V ±0.3V		FAN 5V

6.2. Driver Set-up

6.2.1. Item / Preparation

1. Input an APL 100 % white signal.
2. Set the picture controls: -
   Picture mode: Normal
   White balance: Cool
   Aspect: 16:9

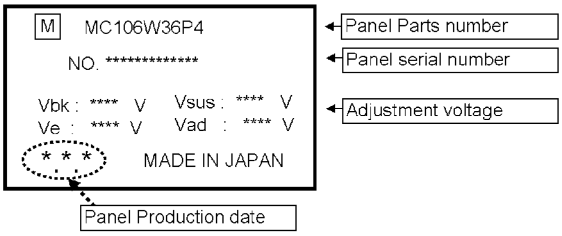
6.2.2. Adjustments

Adjust driver section voltages referring the panel data on the panel data label.

Test point	Voltage	Volume	Name
TPVSUS (SS-BOARD)	Vsus ±1V*	R478 (P) US model R625 (P3) Except US	Vsus
TPVBK (SC-BOARD)	Vbk ±1V*	R505 (P) US model R498 (P1) Except US	Vbk
TPVE (SS-BOARD)	Ve ± 1V*	R6774 (SS)	Ve
TPVSET (SC-BOARD)	218 V ±6V	---	Vset
TPVAD (SC-BOARD)	Vad ±1V*	R6477 (SC)	Vad
TPVDA (SC-BOARD)	67V±1V	R473 (P) US model R519 (P1) Except US	Vda

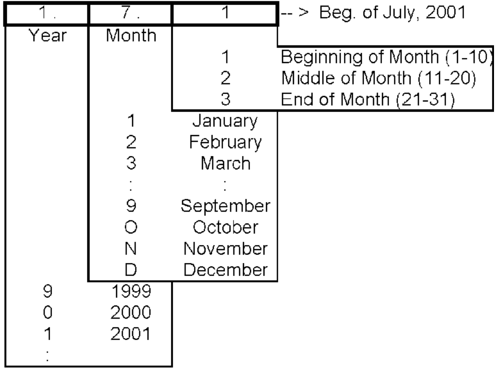
*See the Panel label.

Panel Label information


M
MC106W36P4
NO. *************
Vbk : **** V
Vsus : **** V
Ve : **** V
Vad : **** V
* * *
MADE IN JAPAN
Panel Parts number
Panel serial number
Adjustment voltage
Panel Production date

Panel Production date

For Example


1 .
7 .
1
--> Beg. of July, 2001
Year
Month
1 Beginning of Month (1-10)
2 Middle of Month (11-20)
3 End of Month (21-31)
1 January
2 February
3 March
9 September
O October
N November
D December
9 1999
0 2000
1 2001

6.3. Initialization Pulse Adjust

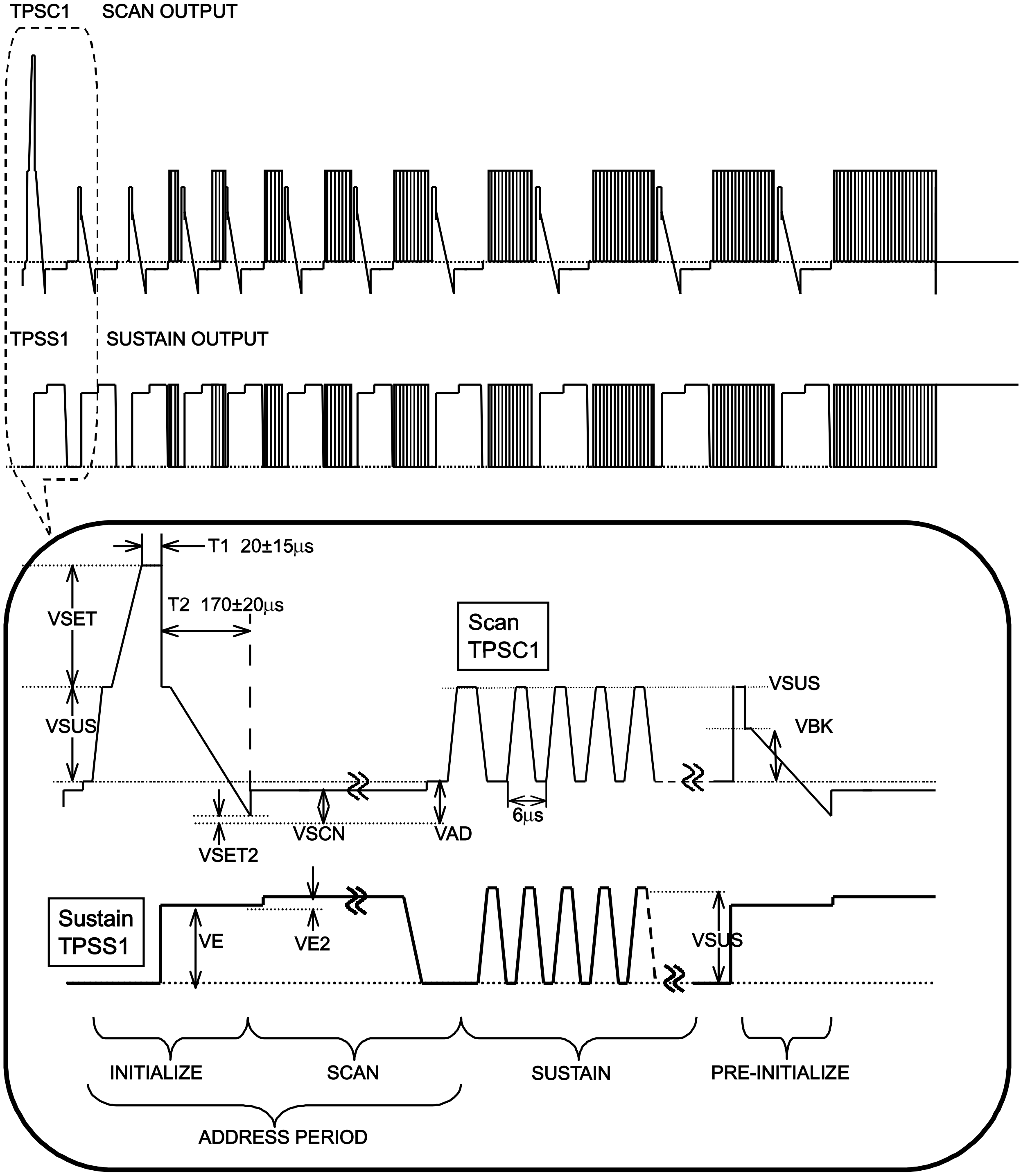
1. Input a Cross hatch signal.
2. Set the picture controls: -

   Picture mode: Normal

   White balance: Cool

Adjust the indicated test point for the specified wave form.

	Test point	Volume	Level
T1	TPSC1 (SC)	R6523 (SC)	20 ± 15μ Sec
T2	TPSC1 (SC)	R6557 (SC)	170 ± 20μ Sec


TPSC1
SCAN OUTPUT
TPSS1
SUSTAIN OUTPUT
T1 20±15μs
T2 170±20μs
VSET
VSUS
Scan
TPSC1
VSUS
VBK
VSET2
VSCN
VAD
6μs
Sustain
TPSS1
VE
VE2
VSUS
INITIALIZE
SCAN
SUSTAIN
PRE-INITIALIZE
ADDRESS PERIOD

6.4. P.C.B. (Printed Circuit Board) exchange

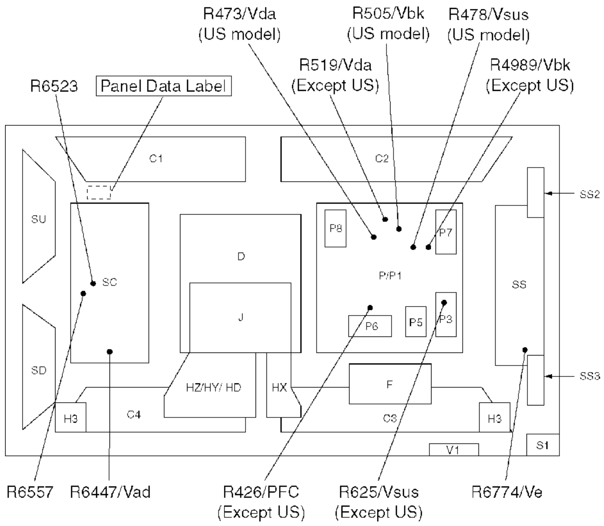
6.4.1. Caution

1. To remove P.C.B. , wait 1 minute after power was off for discharge from electrolysis capacitors.

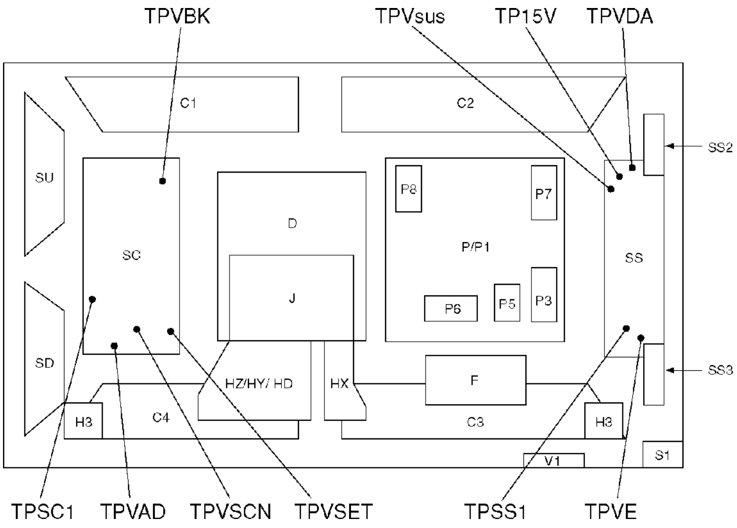
6.4.2. Quick adjustment after P.C.B. exchange

P.C.B.	Item	Volume	Test point	Level
P board	PFC	R426 (3) Except US	P4 connector pin 1	400V ± 1 V
	Vsus	R478 (P) US model	TPVsus (SS)	175V ± 1 V
		R625 (P3) Except US		
	Vbk	R505 (P) US model	TPVBK (SC)	160V ± 5 V
		R498 (P1) Except US		
	Vda	R473 (P) US model	TPVDA (SS)	67V ± 1 V
		R519 (P1) Except US		
SC board	Vad	R6477	TPVAD (SC)	-90 ± 1 V
SS board	Ve	R6774	TPVE (SS)	150 ± 1 V
D board	White balance, Pedestal and Sub brightness for NTSC, PAL, HD, PC and 625I signals.			

6.5. Adjustment Volume Location


R473/Vda
(US model)
R505/Vbk
(US model)
R478/Vsus
(US model)
R519/Vda
(Except US)
R4989/Vbk
(Except US)
R6523
Panel Data Label
C1
C2
SS2
SU
SC
D
P8
P7
P/P1
SS
J
P6
P5
P3
SD
H3
C4
HZ/HY/ HD
HX
F
C3
H3
SS3
V1
S1
R6557
R6447/Vad
R426/PFC
(Except US)
R625/Vsus
(Except US)
R6774/Ve

6.6. Test Point Location


TPVBK
TPVsus
TP15V
TPVDA
C1
C2
SS2
SU
SC
D
P8
P7
P/P1
SS
J
P6
P5
P3
SD
HZ/HY/ HD
HX
F
SS3
H3
C4
C3
H3
V1
S1
TPSC1
TPVAD
TPVSCN
TPVSET
TPSS1
TPVE

7 Serviceman mode

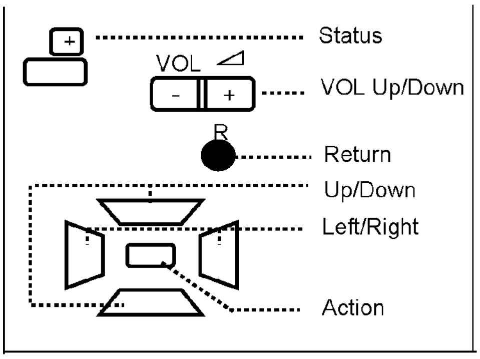
7.1. CAT (computer Aided Test) mode

CAT mode menu

CAT Panel sys8.1
IIC Mode
CD Mode
SD Mode
ID Mode

Mode	Function	Access button
IIC	Service Alignment	Action
CD(Complete Diagnostics)	Software version information EEPROM edit	Mute more than 5 seconds
SD(Status Display)	MTBF parameter	Action
ID	Not use	-----

Remote control



How to access the CAT mode.

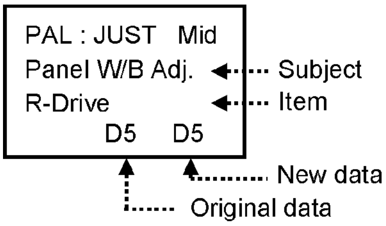
Press and the hold the Volume down / - buton on the front panel of the unit and press the status button on the remote control 3 times quickly within 1 second, this will place the unit into the CAT menu.

To exit the **CAT mode**, access the **ID mode** and switch off the main power.

7.1.1. IIC mode

Select the IIC mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Action button** on the remote control.

OSD



How to use the IIC mode.

1. Select the alignment **Subject** by **Up/Down buttons** on the remote control.
2 .Select the alignment **Item** by **Left/Right buttons** on the remote control.
3. Adjust **optimum setting** by **Volume Up/Down buttons** on the remote control.
4. The **data is memorized** when press the **R button** on the remote control or change the alignment Subject (or Items).

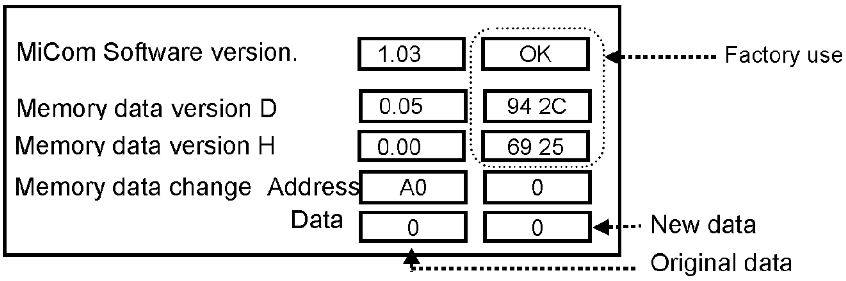
Subject and item are mentioned on page 14.

To exit the IIC mode, press the **R button** on the remote control.

7.1.2. CD mode

Select the CD mode by **Up/Down button** on the remote control at the front page of CAT mode then press the **Mute button** on the remote control more than 5 sec.

OSD


MiCom Software version.
1.03
OK
Memory data version D
0.05
94 2C
Memory data version H
0.00
69 25
Memory data change Address
A0
0
Data
0
0
Factory use
New data
Original data

Micom software version (IC9705 / TVRJ562), this version can be upgrade by

1. replace of new version IC
2. Loading the new version software from loader tool, TZSC07036.

Memory data version D (IC9706 /TVRJ601) in the D board

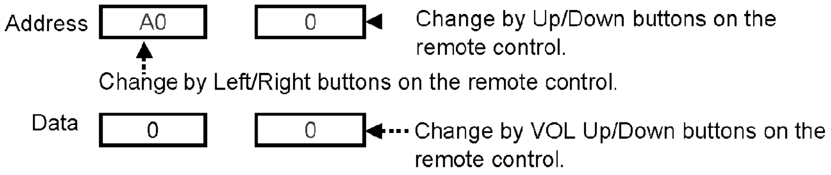
Version	Model	Type	Destination
3.**	PW4UZ	Consumer	USA
4.**	PWD4UY	System	USA
5.**	PW4BX,HZ,	Consumer	U.K.H.K.,
6.**	PWD4AY,BX, EX, HY, RY	System	U.K. / Euro / Australia
7.**	PW4AZ, EX, RZ	Consumer	Euro / Australia

Memory data version H (IC3699) in the H board

This version is difference depends on the H board type.

Version	Type of H borad	Version	Type of H borad
1.**	HY (BNC)	3.**	HD (DVI)
2.**	HZ (RCA)	4.**	H (tuner)

Memory data change


Address
A0
0
Change by Up/Down buttons on the remote control.
Change by Left/Right buttons on the remote control.
Data
0
0
Change by VOL Up/Down buttons on the remote control.

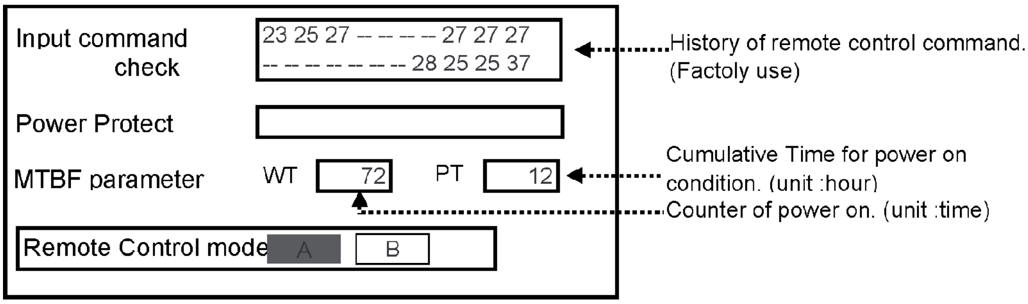
The data is memorized when switch off the main power.

To exit the CD mode, press the **R button** on the remote control.

7.1.3. SD mode

Select the SD mode by Up/Down button on the remote control at the front page of CAT mode then press the Action button on the remote control.

OSD



Input command check: 23 25 27 – – – – – 27 27 27 / – – – – – – – – – 28 25 25 37

Power Protect

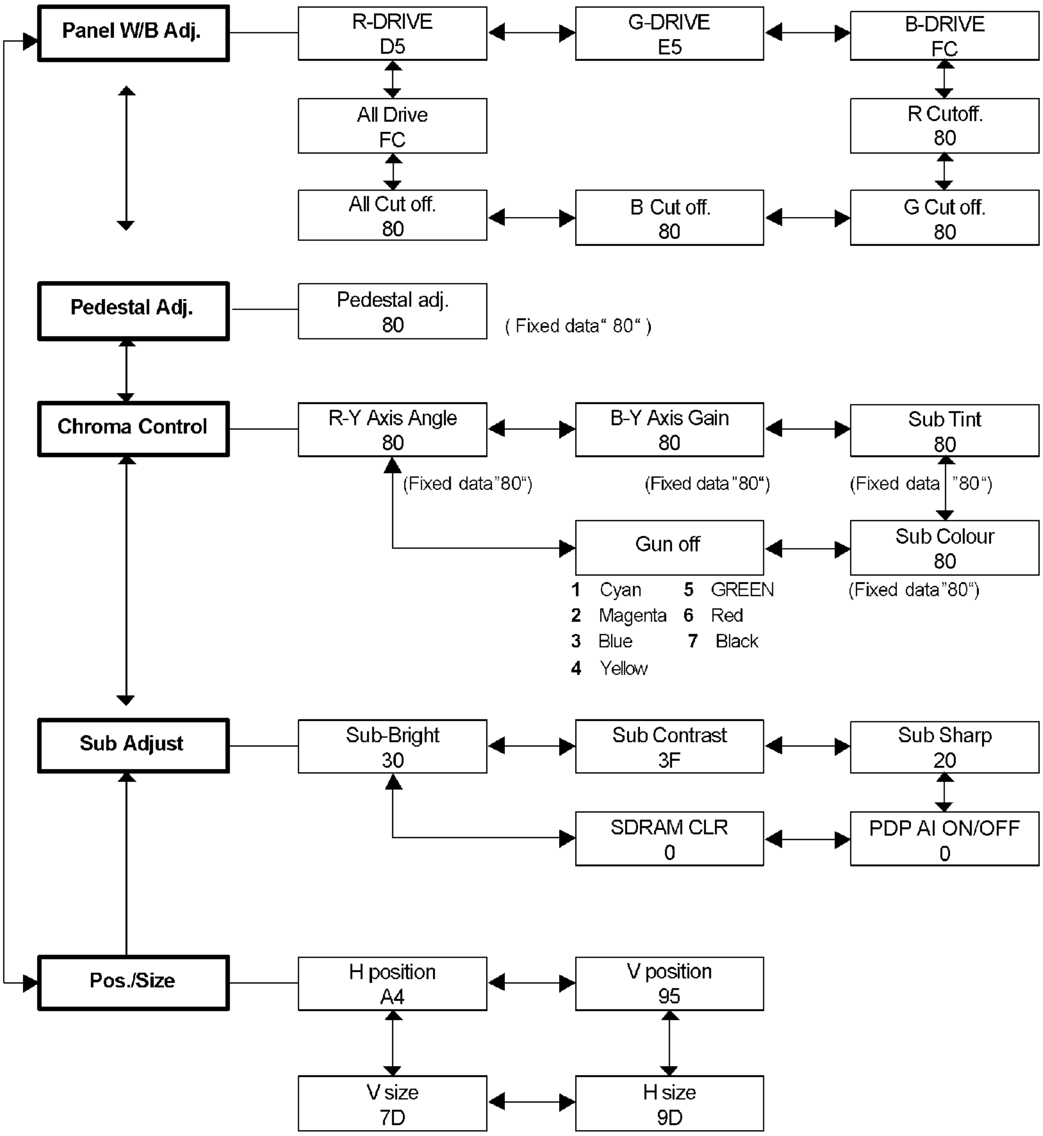
MTBF parameter WT 72 PT 12

Remote Control mode A B

History of remote control command.
(Factoly use)
Cumulative Time for power on condition. (unit :hour)
Counter of power on. (unit :time)

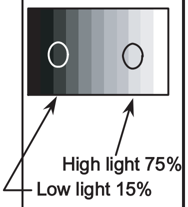
To exit the SD mode, press the **R button** on the remote control.

7.2. IIC mode structure (following items value is sample data.)


Panel W/B Adj.
R-DRIVE D5
G-DRIVE E5
B-DRIVE FC
All Drive FC
R Cutoff. 80
All Cut off. 80
B Cut off. 80
G Cut off. 80
Pedestal Adj.
Pedestal adj. 80
(Fixed data“ 80“)
Chroma Control
R-Y Axis Angle 80
B-Y Axis Gain 80
Sub Tint 80
(Fixed data”80“)
(Fixed data”80“)
(Fixed data ”80“)
Gun off
Sub Colour 80
(Fixed data”80“)
1 Cyan 5 GREEN
2 Magenta 6 Red
3 Blue 7 Black
4 Yellow
Sub Adjust
Sub-Bright 30
Sub Contrast 3F
Sub Sharp 20
SDRAM CLR 0
PDP AI ON/OFF 0
Pos./Size
H position A4
V position 95
V size 7D
H size 9D

8 Alignment

8.1. NTSC panel white balance

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern  	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly.
				PANEL W/B G cut off	3) Set G cut off to " 80 ".
				PANEL W/B B cut off R cut off	4) Adjust B and R cut off to set color temperature as shown Fig.-01.
				Sub Adjust Sub Bright	5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$.
					6)Find 75% of white area by color sensor.
				PANEL W/B G Drive	7) Set G Drive to " D8 ".
				PANEL W/B B Drive R Drive	8) Adjust B and R Drive to set color temperature as shown Fig.-01.
					9) Repeat item 4) to 7) to set both Low light and high light.
				PANEL W/B R,G,B Drive R,G,B Drive	10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".
				PANEL W/B R,G,B cut off	11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

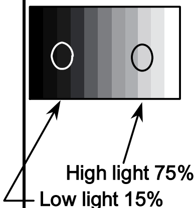
Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -01

Note:

OSD is the difference between US model and Except US model.
Picture:Normal (Except US)/Standard (US model)
White balance (Except US)/Color Temp (US model)

8.2. PAL/SECAM panel white balance

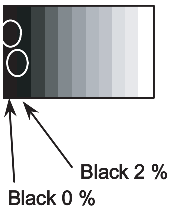
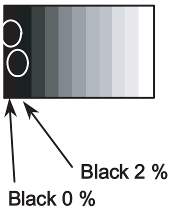
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PAL Gray Scale Pattern  High light 75% Low light 15%	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9		1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor.
				Sub Adjust Sub Bright	2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly.
				PANEL W/B G cut off	3) Set G cut off to " 80 ".
				PANEL W/B B cut off R cut off	4) Adjust B and R cut off to set color temperature as shown Fig.-02.
				Sub Adjust Sub Bright	5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$.
					6)Find 75% of white area by color sensor.
				PANEL W/B G Drive	7) Set G Drive to " D8 ".
				PANEL W/B B Drive R Drive	8) Adjust B and R Drive to set color temperature as shown Fig.-02.
					9) Repeat procedure 4) to 7) to set both Low light and high light.
				PANEL W/B R,G,B Drive R,G,B Drive	10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".
				PANEL W/B R,G,B cut off	11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

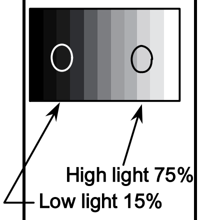
Fig. -02

<table>
<tr><th></th><th></th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>5</td><td></td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table></td></tr>
<tr><td></td><td>SECAM signal</td><td></td><td></td><td></td><td>2) Input SECAM signal.
3) Copy PAL R,G,B drive and cut off data of each white balance mode to SECAM position.</td></tr>
</table>

8.3. Pedestal setting

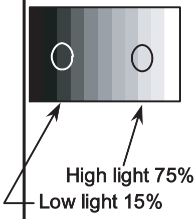
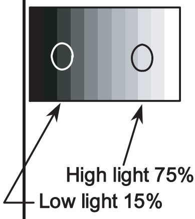
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	Component (525i, 525p, 625i, 720i or 1080i) Gray Scale Pattern 		Picture: Normal White balance: **Cool** Aspect: 16:9	PANEL W/B R cut off G cut off B cut off Chroma Control: Gun off RGB Sub Adjust: G Sub Bright Chroma Control: Gun off RGB Sub Adjust: B Sub Bright Chroma Control: Gun off RGB Sub Adjust: R Sub Bright	** Adjust at the dark room. 1) Set R,G and B cut off to " **80** ". 2) Set Gun off to "**5**". (Only green pixels can emit.) 3) Adjust G Sub bright to start some of green pixels emission at black 2% area and no emission at black 0% area. 4) Set Gun off to "**3**". (Only blue pixels can emit.) 5) Adjust B Sub bright to start some of blue pixels emission at black 2% area and no emission at black 0% area. 6) Set Gun off to "**6**". (Only red pixels can emit.) 7) Adjust R Sub bright to start some of red pixels emission at black 2% area and no emission at black 0% area.
2	RGB(PC) Gray Scale Pattern 		Picture: Normal White balance: **Cool** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change input to RGB signal. 2) Repeat procedure 1) to 7) of Component input signal.

8.4. PC/RGB panel white balance

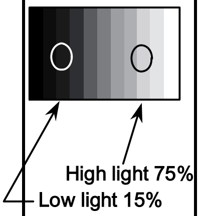
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	PC Gray Scale Pattern 	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9		1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor.
				Sub Adjust Sub Bright	2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly.
				PANEL W/B G cut off	3) Set G cut off to " 80 ".
				PANEL W/B B cut off R cut off	4) Adjust B and R cut off to set color temperature as shown Fig.-03.
				Sub Adjust Sub Bright	5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$.
					6)Find 75% of white area by color sensor.
				PANEL W/B G Drive	7) Set G Drive to " D8 ".
				PANEL W/B B Drive R Drive	8) Adjust B and R Drive to set color temperature as shown Fig.-03.
					9) Repeat item 4) to 7) to set both Low light and high light.
				PANEL W/B R,G,B Drive R,G,B Drive	10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".
				PANEL W/B R,G,B cut off	11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

Fig. -03

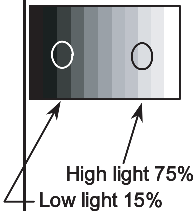
<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>5</td><td>RGB
Gray Scale
Pattern
 </td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table>
2) Input RGB signal.
3) Copy PC R,G,B drive and cut off data of each white balance mode to RGB position.</td></tr>
<tr><td>6</td><td>DVI
Gray Scale
Pattern
 </td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table>
2) Input DVI signal.
3) Copy PC R,G,B drive and cut off data of each white balance mode to DVI position.</td></tr>
</table>

8.5. HD/ 525i /525p panel white balance

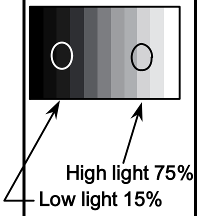
	INPUT	Equipment	Setting	Alignment menu	Procedure
1	HD (720i or 1080i) Gray Scale Pattern  High light 75% Low light 15%	Color Analyzer	Picture: Normal White balance: **Cool** Aspect: 16:9	Sub Adjust Sub Bright PANEL W/B G cut off PANEL W/B B cut off R cut off Sub Adjust Sub Bright PANEL W/B G Drive PANEL W/B B Drive R Drive PANEL W/B R,G,B Drive R,G,B Drive PANEL W/B R,G,B cut off	1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor. 2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly. 3) Set G cut off to " 80 ". 4) Adjust B and R cut off to set color temperature as shown Fig.-04. 5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$. 6)Find 75% of white area by color sensor. 7) Set G Drive to " D8 ". 8) Adjust B and R Drive to set color temperature as shown Fig.-04. 9) Repeat item 4) to 7) to set both Low light and high light. 10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC". 11) Re-adjust Low light level again.
2			Picture: Normal White balance: **Normal** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Normal". 2) Repeat procedure 3) to 11) of Cool mode.
3			Picture: Normal White balance: **Warm** Aspect: 16:9	PANEL W/B R,G,B cut off PANEL W/B R,G,B Drive	1) Change white balance to "Warm". 2) Repeat procedure 3) to 11) of Cool mode.
4			Picture: Normal White balance: **Cool** Aspect: 16:9	Picture Menu Sub Adjust Sub Bright	1) Change color templature to "Cool". 2)Re-set Sub bright to "30"

Color Temp.	x	y
Cool(Hi)	0.272	0.290
Normal(Mid)	0.288	0.296
Warm(Low)	0.313	0.329

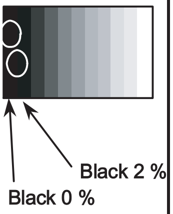
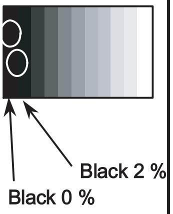
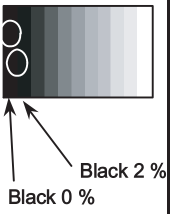
Fig. -04

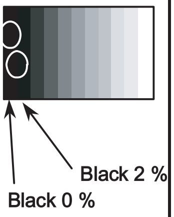
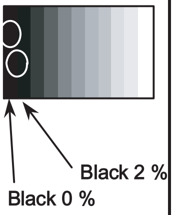
<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>5</td><td>RGB
Gray Scale
Pattern
 </td><td></td><td>Picture:
Normal
Aspect:
16:9
White balance:
Cool
Normal
Warm</td><td></td><td>1) Write down each color temaparature of R,G,B drive and Cut off data as follows.
<table>
<tr><th>White Balance</th><th>Cool</th><th>Normal</th><th>Warm</th></tr>
<tr><td>R Drive</td><td></td><td></td><td></td></tr>
<tr><td>G Drive</td><td></td><td></td><td></td></tr>
<tr><td>B Drive</td><td></td><td></td><td></td></tr>
<tr><td>R Cut off</td><td></td><td></td><td></td></tr>
<tr><td>G Cut off</td><td></td><td></td><td></td></tr>
<tr><td>B Cut off</td><td></td><td></td><td></td></tr>
</table>
2)Change input signal to 525i and 525p.
3) Copy HD drive and cut off data of each white balance mode to each signals position.</td></tr>
</table>

8.6. 625i panel balance

<table>
<tr><th></th><th>INPUT</th><th>Equipment</th><th>Setting</th><th>Alignment menu</th><th>Procedure</th></tr>
<tr><td>1</td><td rowspan="3">625i
Gray Scale
Pattern

 </td><td rowspan="3">Color
Analyzer</td><td>Picture:
Normal
White balance:
Cool
Aspect:
16:9</td><td>Sub Adjust
Sub Bright
PANEL W/B
G cut off
PANEL W/B
B cut off
R cut off
Sub Adjust
Sub Bright
PANEL W/B
G Drive
PANEL W/B
B Drive
R Drive
PANEL W/B
R,G,B Drive
R,G,B Drive
PANEL W/B
R,G,B cut off</td><td>1) Find the nearest area to brightness of 10 cd/m$_2$ as Low light by color sensor.
2) Adjust Sub bright to set Low light level to 10 cd/m$_2$ exactly.
3) Set G cut off to " 80 ".
4) Adjust B and R cut off to set color temperature as shown Fig.-05.
5) If Sub Bright is changed re-adjust it to set Low light to 10 cd/m$_2$.
6)Find 75% of white area by color sensor.
7) Set G Drive to " D8 ".
8) Adjust B and R Drive to set color temperature as shown Fig.-05.
9) Repeat item 4) to 7) to set both Low light and high light.
10) Increase same steps of R, G and B Drive to set largest level of 3 color drive to "FC".
11) Re-adjust Low light level again.
<table><tr><th>Color Temp.</th><th>x</th><th>y</th></tr><tr><td>Cool(Hi)</td><td>0.272</td><td>0.290</td></tr><tr><td>Normal(Mid)</td><td>0.288</td><td>0.296</td></tr><tr><td>Warm(Low)</td><td>0.313</td><td>0.329</td></tr></table>Fig. -05</td></tr>
<tr><td>2</td><td>Picture:
Normal
White balance:
Normal
Aspect:
16:9</td><td>PANEL W/B
R,G,B cut off
PANEL W/B
R,G,B Drive</td><td>1) Change white balance to "Normal".
2) Repeat procedure 3) to 11) of Cool mode.</td></tr>
<tr><td>3</td><td>Picture:
Normal
White balance:
Warm
Aspect:
16:9</td><td>PANEL W/B
R,G,B cut off
PANEL W/B
R,G,B Drive</td><td>1) Change white balance to "Warm".
2) Repeat procedure 3) to 11) of Cool mode.</td></tr>
<tr><td>4</td><td></td><td></td><td>Picture:
Normal
White balance:
Cool
Aspect:
16:9</td><td>Picture Menu
Sub Adjust
Sub Bright</td><td>1) Change color templature to "Cool".
2)Re-set Sub bright to "30"</td></tr>
</table>

8.7. Sub brighness setting

	INPUT	Equipment	Setting	Alignment menu	Procedure
1	NTSC Gray Scale Pattern  		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
2	PAL Gray Scale Pattern  		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	SECAM Gray Scale Pattern				8) Change to SECAM signal. 9) Copy PAL All cut off data to SECAM mode.
3	PC Gray Scale Pattern  		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	RGB Gray Scale Pattern				8) Change to RGB input signal. 9) Copy PC All cut off data to RGB mode.
	DVI Gray Scale Pattern				10) Change to DVI input signal. 11) Copy PC All cut off data to DVI mode.

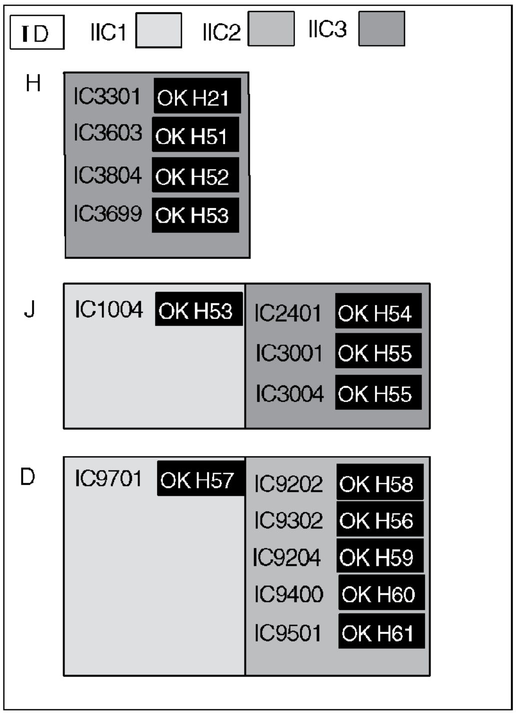
	INPUT	Equipment	Setting	Alignment menu	Procedure
4	525i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.
	525p Gray Scale Pattern				8) Change to 525p signal. 9) Copy 525i All cut off data to 525p mode.
	HD (720i or 1080i) Gray Scale Pattern				8) Change to HD signal. 9) Copy 525i All cut off data to HD mode.
5	625i Gray Scale Pattern 		Picture: Normal Aspect: 16:9	PANEL W/B All cut off	** Adjust at the dark room. 1) Set white balance to **Cool**. 2) Adjust All cut off to start some pixels emission at black 2% area and no emission at black 0% area. 3) Write down all cut off data. 4) Set white balance to **Nornal**. 5) Adjust All cut off to set same data of Cool mode. 6) Set white balance to **warm**. 7) Adjust All cut off to set same data of Cool mode.

9 Trouble shooting guide

9.1. Self Check

9.1.1. Display Indication

1. Self-check is used to automatically check the bus line controlled circuit of the Plasma display.
2. To get into the Self-check mode press the **volume down** button on the customer controls at the front of the set, at the same time pressing the **OFF-TIMER** button on the remote control, and the screen will show :-


ID
IIC1
IIC2
IIC3
H
IC3301 OK H21
IC3603 OK H51
IC3804 OK H52
IC3699 OK H53
J
IC1004 OK H53
IC2401 OK H54
IC3001 OK H55
IC3004 OK H55
D
IC9701 OK H57
IC9202 OK H58
IC9302 OK H56
IC9204 OK H59
IC9400 OK H60
IC9501 OK H61

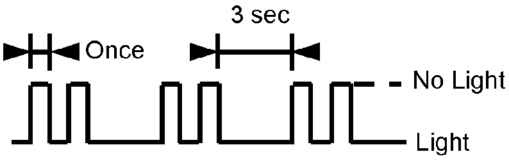
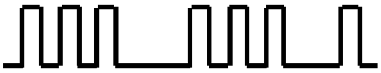
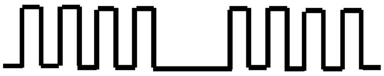
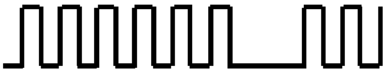
If the CCU ports have been checked and found to be incorrect Or not located then " - - " will appear in place of " OK "

Note:

In case of disconnected of H/HY/HZ “IC3699 - -” is displayed.

9.1.2. Power LED Flashing timing chart

When an abnormality has occurred the unit, the protection circuit operates and cuts the power supply. At this time, the defective part can be identified by the number of flashes of the Power LED at the front of the unit.

Flashing times	Flashing timing	Contents & Check point
Twice	 3 sec Once No Light Light	Driver LSI (in SS, SC, C board) has trouble.
Three		+3.3 V voltage drop
Four		+5 V voltage drop
Six		Fan circuit / Fan stop disconects the P10 to P13.

Above Fan function is operated during the fan is set.

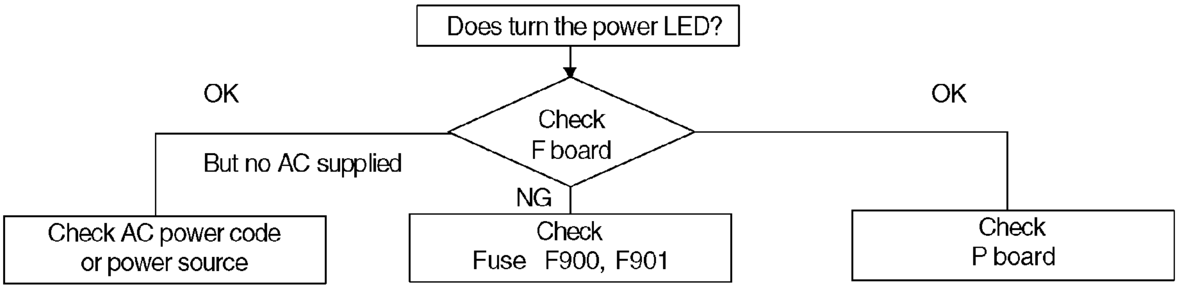
9.2. No Power (US model)

First check point

There are following 3 states of No Power indication by power LED.

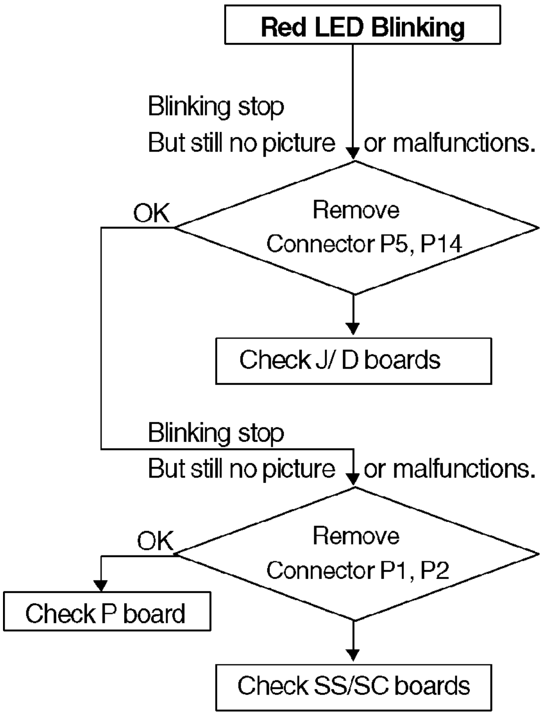
1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

1. No lit


Does turn the power LED?
OK
Check
F board
OK
But no AC supplied
NG
Check AC power code
or power source
Check
Fuse F900, F901
Check
P board

2. Red LED Blinking

When one or some of supply voltages from power supply circuit are declined red LED will be blinking as power


Red LED Blinking
Blinking stop
But still no picture or malfunctions.
OK
Remove
Connector P5, P14
Check J/ D boards
Blinking stop
But still no picture or malfunctions.
OK
Remove
Connector P1, P2
Check P board
Check SS/SC boards

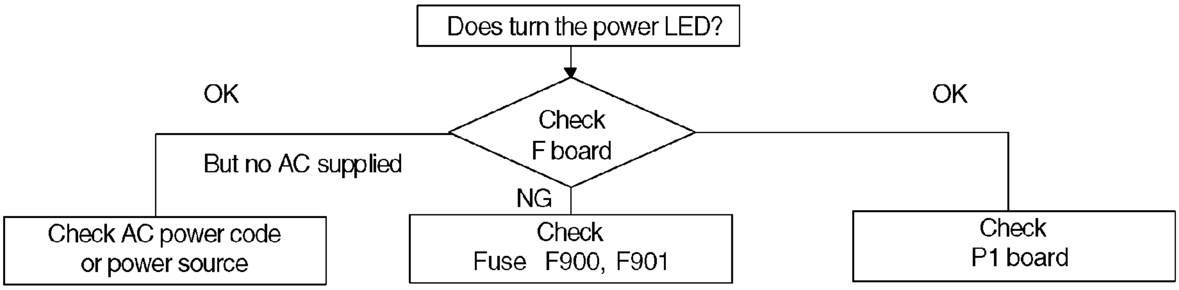
9.3. No Power (Except US)

First check point

There are following 3 states of No Power indication by power LED.

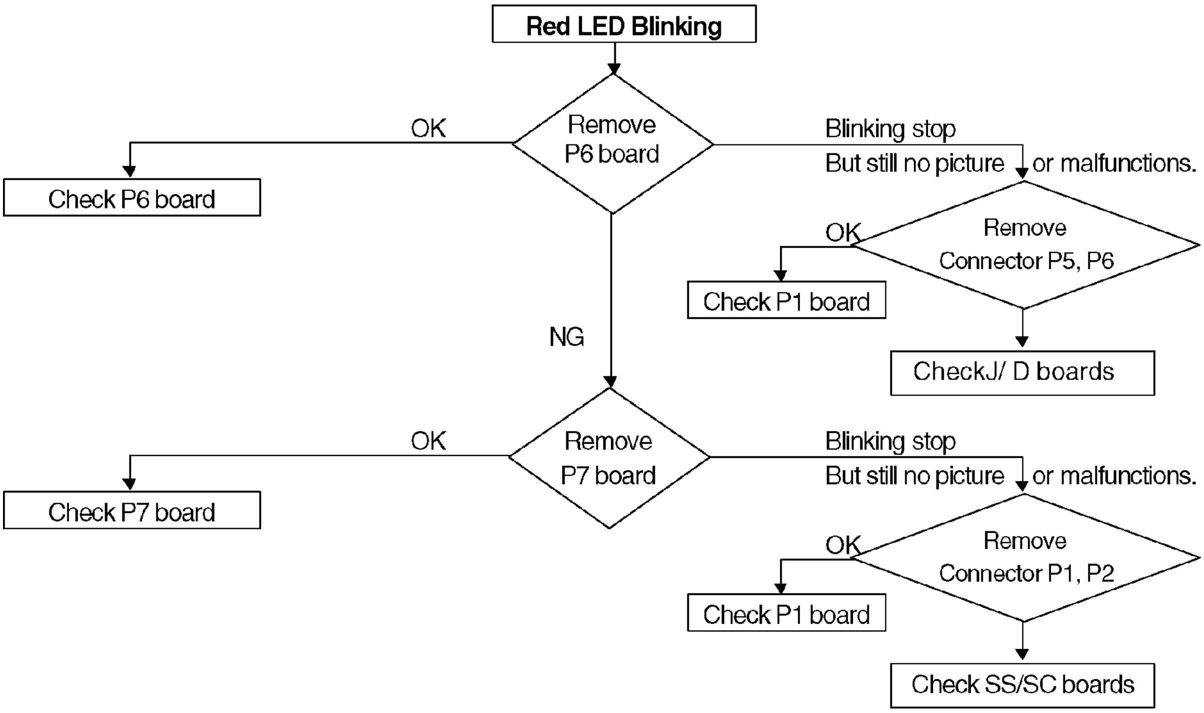
1. No lit
2. Green is lit then turns red blinking a few seconds later.
3. Only red is lit.

1. No lit

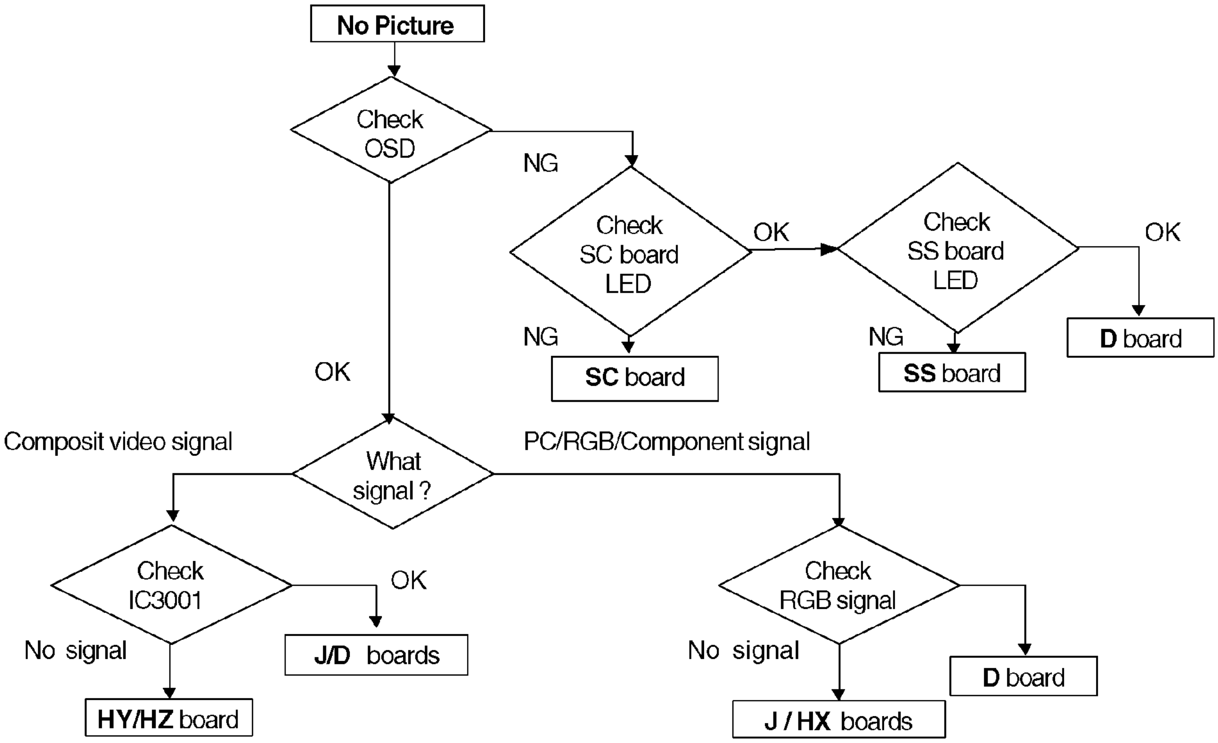

Does turn the power LED?
OK
OK
Check
F board
But no AC supplied
NG
Check AC power code
or power source
Check
Fuse F900, F901
Check
P1 board

2. Red LED Blinking

When one or some of supply voltages from power supply circuit are declined red LED will be blinking as power

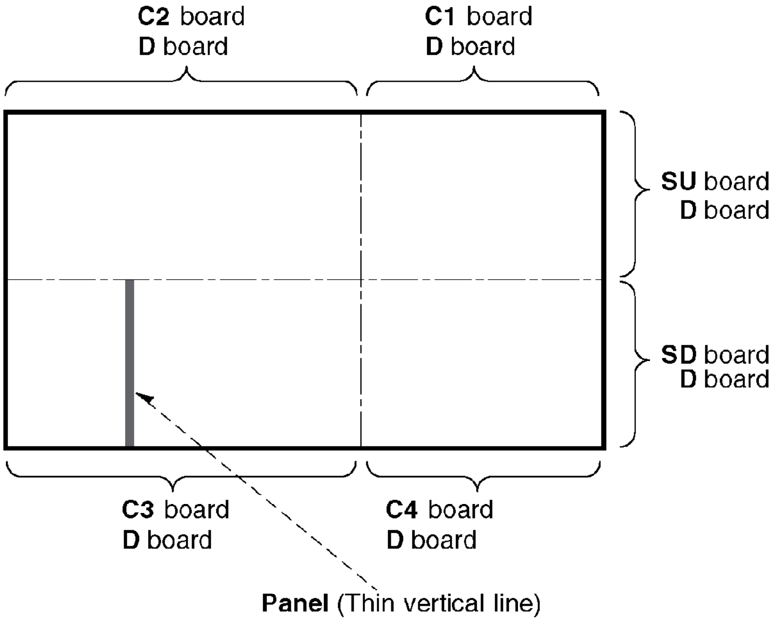

Red LED Blinking
OK
Remove
P6 board
Blinking stop
But still no picture or malfunctions.
Check P6 board
OK
Remove
Connector P5, P6
Check P1 board
NG
CheckJ/ D boards
OK
Remove
P7 board
Blinking stop
But still no picture or malfunctions.
Check P7 board
OK
Remove
Connector P1, P2
Check P1 board
Check SS/SC boards

9.4. No Picture


No Picture
Check OSD
NG
Check SC board LED
OK
Check SS board LED
OK
D board
NG
SC board
NG
SS board
OK
Composit video signal
What signal ?
PC/RGB/Component signal
Check IC3001
OK
J/D boards
No signal
HY/HZ board
Check RGB signal
No signal
D board
J / HX boards

9.5. Local screen failure

Plasma display may have local area failure on the screen. Fig - 1 is the possible defect P.C.B. for each local area.


C2 board
D board
C1 board
D board
SU board
D board
SD board
D board
C3 board
D board
C4 board
D board
Panel (Thin vertical line)

<Local screen failure chart>

Fig - 1

9.6. D-Board

9.6.1. OUTLINE

D board is consists of Analogue and Digital signal process, Discharge control and Micro control block.

D-board is operated by supply voltages of 3.3V, 5V, 13,5V and Standby 5V , RGB analogue (0.7Vp-p) and Sync. Signal.

D-board output parallel data video signal with control signal for the data driver circuit, Discharge control signal for Scan and Sustain drive circuits and Micro control signals.

9.6.2. MAIN IC OPERATION

IC9007 ~ 9009 A/D Converter

RGB analogue signals are converted to 8 bits digital signal.

IC9204 FORMAT CONVERTER (LSI33)

Number of Horizontal line of input signals are converted to 480 lines.

This IC uses two clock lines, one is 15M 55MHz for input signal (ICK) and other one is 25M to 40MHz for out put signal. (OCK)

IC9400 PLASMA AI (LSI27)

At first input 8 bit signal data is memorized into two field memory (IC9402, IC9403), Plasma AI analyze APL level and distribution of dark and bright components.

Plasma AI re-arrange 8 bit signal data to 12 bit signal data.

This IC also insert OSD (On-Screen Display signal) from Micro.

IC9501 SUB FIELD PROCESSOR

R,G and B 12 bit signal data is layout to fit with each electrodes of panel.

One field signal data is separated to upper 240 lines and lower 240 lines.

Both upper and lower signals are again separated odd and even number line and output.

9.6.3. DIAGNOSTIC

(1) General

Depend on the phenomenon possible defective section from Signal processing, Discharge control or Micro control section on D-board can be diagnosed as follows.

1. Signal Processing section
   a. No picture but panel has discharge.
   b. Missing R, G or B signal
   c. Dark Picture.
   d. No OSD signal.
   e. Vertical band noise appeared.
   f. No picture or distortion on 1/4 area on the screen.
2. Micro control section
   a. Does not turn on power.
   b. No panel discharge.
3. Discharge control section
   a. No discharge but Micro control is operated.
   b. Dark picture

(2) First Check Point

Confirm that follow signals are input to D board.

Power Supply

Connector	Pin	Function	Connector	Pin	Function
D5	1	13.5 V DC	D6	1	STB 5 V DC
	3	5.0 V DC		2	3.3 V DC
	-	-		3	3.3 V DC

Input Signal

Connector	Function		Pin	Function
D8-12	Analogue Green signal	D9	37	HD (Horizontal Drive pulse)
D8-13	Analogue Blue signal		29	VD (Vertical Drive pulse)
D8-14	Analogue Red signal		34	CLP (Clamp pulse)

(3) Trouble shooting

1. **No Power ON** (No power LED turn ON)

Check **IC9701**	**VDD**	5 V	Pin 8, 21,37, 56, 79, 91,97, 126, 138
	RESET	5 V	Pin 35
	CLOCK	20 MHz	Pin 38

Check **IC9702 (VRAM) , IC9705 (FLASH), IC9706(EEPROM)**

Confirm each pin of hose have some pulses.

⇩

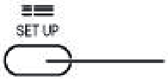
Example: **IC9702** Trouble → Re-load correct software if possible.

→ Change IC9702.

10 Option Setting

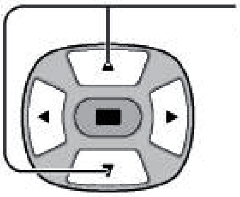
How to access the Option menu

1

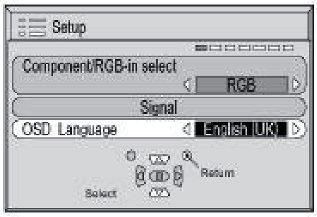


Press to display the Setup menu.

2

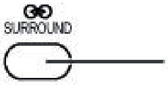


Press to select OSD Language.



Component/RGB-in select: RGB
Signal
OSD Language: English (UK)

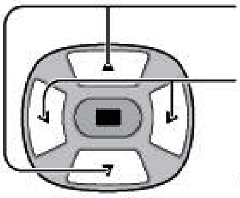
3



Press down for more than 3 seconds to display the Option menu.

Setting the Option menus

1

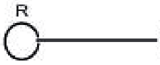


Press to select the desired item.

Press to select the desired function.

The option menu will disappear 60 seconds after operation.

2



Press to exit Option menu.

Hidden Option Menu for TH-42PWD4 series

(Not available for TH-42PW4 series models)

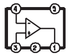
System route models TH-42PWD4 series have special function and operation setting facility called Option Menu. This Option Menu is useful for special function required customers. This should be set at the installation stage. The end user could not set or change these because of hidden On screen menu.

Option menus	default setting	Contents
Wobbling	Off	Screen image shift OFF. Turns off the screen shift function that prevents after-images from appearing on the screen.
Off-timer function	Enable	Off-timer operation invalidation. The off-timer function is made invalid.
On Screen display	On	On-screen display OFF. Turns off the on-screen display that indicates power on, input modes and when no signal is received.
Initial Input	Off	Startup input setting. Sets the input mode when the power is turned on (VIDEO, COMPONENT, VIDEO/RGB, PC). Input mode switching is possible after the power is turned on.
Initial VOL. level	Off	Startup volume setting. Sets the volume level when the power is turned on. Volume can be adjusted after the power is turned on.
Maximum VOL. Level	Off	Maximum volume setting Fix input mode. Sets the maximum volume level. Volume cannot exceed this limit.
INPUT lock	Off	Input mode cannot be switch. Fixes the input mode to (VIDEO, COMPONENT, VIDEO/RGB, PC) and input mode cannot be switched.
Button lock	Off	Front operation button invalidation. Front operation buttons are made invalid. Several combinations of button invalidation are possible ; just the selection keys (VOL. keys, just the INPUT key, or both VOL. keys and INPUT key.).
Studio W/B	Off	Set the screen color temperature to 3,200 kelvin. (use when the contents displayed on the screen needs to be firmed for use in news programs or other purposes.) This is valid when the setting is turned ON and the WHITE BALANCE in the PICTURE menu is set to WARM.
Remocon User Level	Off	Remocon key invalidation. Off : Valid key is all key of remocon. User1 : Valid key are only Stand-by (ON/OFF), Input, Status, Surround, Sound mute On/Off, and volume adjustment. User2 : Valid key is only Stand-by (ON/OFF).

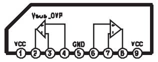
Note of Remocon User Level:
All key of remote control is valid in the service mode (CAT-mode) regardless of the setting of Remocon User Level. To change the option setting when the Remocon User Level is set in the User1 or User2, access the service mode (CAT-mode) first, then display the option menu the same method.

11 IC Block Diagram

AD8055ART

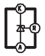


AN6913-NT

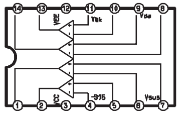


Vsus_OVP
VCC
GND
VCC
1
2
3
4
5
6
7
8
9

AN1431M

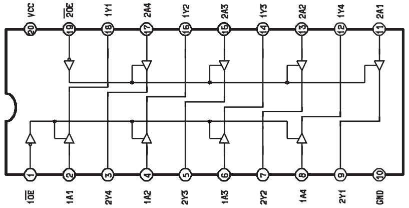


AN6912



Vbk
Vsus
VCC
-BIS
Vsus

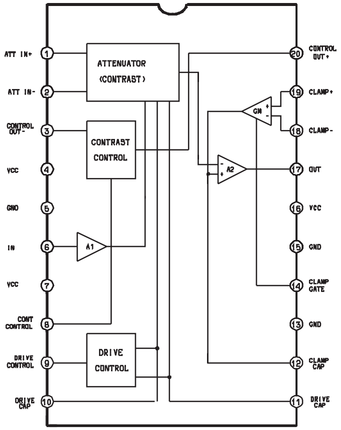
C0JBAZ000005
C0JBAZ000448



VCC
2OE
1Y1
2A4
1Y2
2A3
1Y3
2A2
1Y4
2A1
1OE
1A1
2Y4
1A2
2Y3
1A3
2Y2
1A4
2Y1
GND

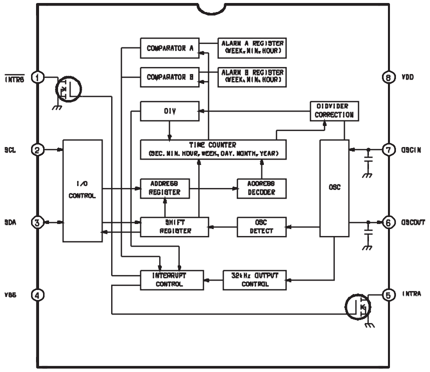
INPUTS		OUTPUTS
$\overline{OE}$	An	
L	L	L
L	H	H
H	X	Z

C0ABZA000031



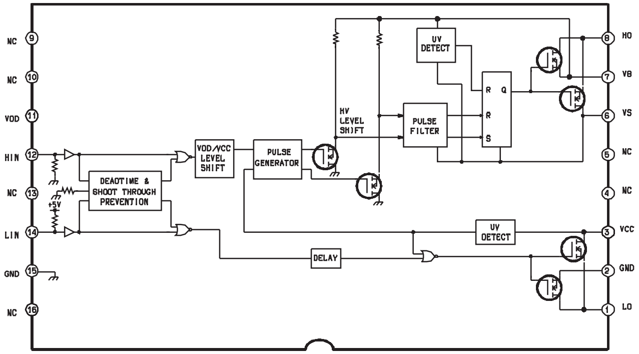
ATT IN+
ATT IN-
CONTROL OUT-
VCC
GND
IN
VCC
CONT CONTROL
DRIVE CONTROL
DRIVE CAP
ATTENUATOR (CONTRAST)
CONTRAST CONTROL
A1
DRIVE CONTROL
GM
A2
CONTROL OUT+
CLAMP+
CLAMP-
OUT
VCC
GND
CLAMP GATE
GND
CLAMP CAP
DRIVE CAP

C1DB00000274



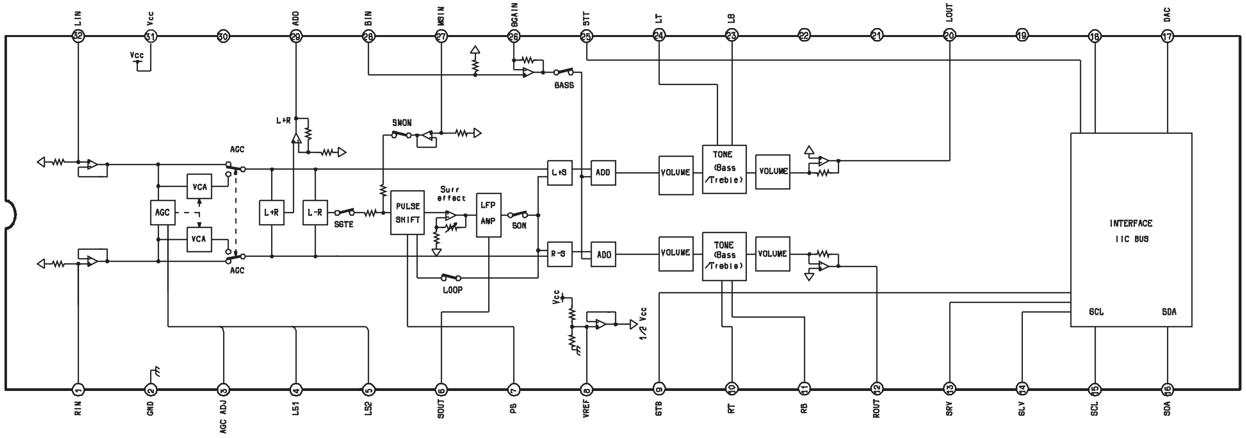
INTRS
SCL
SDA
VSS
COMPARATOR A
ALARM A REGISTER (WEEK,MIN,HOUR)
COMPARATOR B
ALARM B REGISTER (WEEK,MIN,HOUR)
DIV
DIVIDER CORRECTION
TIME COUNTER (SEC,MIN,HOUR,WEEK,DAY,MONTH,YEAR)
I/O CONTROL
ADDRESS REGISTER
ADDRESS DECODER
OSC
SHIFT REGISTER
OSC DETECT
INTERRUPT CONTROL
32kHz OUTPUT CONTROL
VDD
OSCIN
OSCOUT
INTRA

C0ZBZ0000561



NC
NC
VDD
HIN
NC
LIN
GND
NC
DEADTIME & SHOOT THROUGH PREVENTION
+5V
VDD/VCC LEVEL SHIFT
PULSE GENERATOR
HV LEVEL SHIFT
UV DETECT
PULSE FILTER
R Q
R
S
UV DETECT
DELAY
HO
VB
VS
NC
NC
VCC
GND
LO

BH3865S



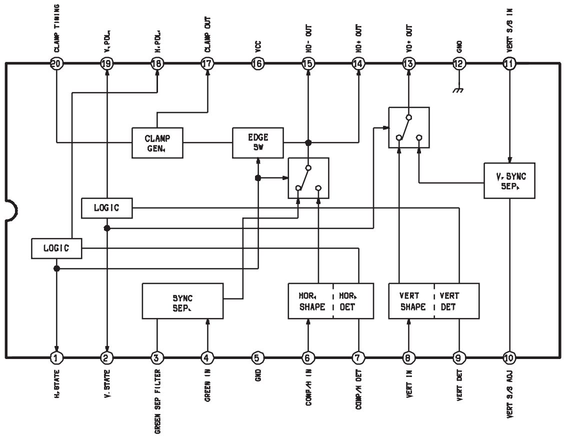
LIN
Vcc
ADD
BIN
MSIN
BGAIN
STT
LT
LB
LOUT
DAC
Vcc
L+R
SWON
BASS
AGC
VCA
AGC
VCA
AGC
L+R
L-R
SSTE
PULSE SHIFT
Surr effect
LFP AMP
SON
LOOP
L+S
R-S
ADD
ADD
VOLUME
TONE (Bass /Treble)
VOLUME
VOLUME
TONE (Bass /Treble)
VOLUME
INTERFACE IIC BUS
SCL
SDA
Vcc
1/2 Vcc
RIN
GND
AGC ADJ
LS1
LS2
SOUT
PS
VREF
STB
RT
RB
ROUT
SRV
SLV
SCL
SDA

PIN NO.	SYMBOL	FUNCTION	PIN NO.	SYMBOL	FUNCTION
1	RIN	R CH INPUT	17	DAC	EX. DAC
2	GND	GND	18	SCV	VOL C CH SHOCK
3	AGC ADJ	AGC 0dB ADJ	19	COUT	C CH OUT
4	LS1	AGC LEVEL SENSOR1	20	LOUT	L CH OUT
5	LS2	AGC LEVEL SENSOR2	21	CB	C CH BASS FC
6	SOUT	S CH OUT AND LPF	22	CT	C CH TREBLE FC
7	PS	PHASE SHIFT	23	LB	L CH BASS FC
8	VREF	1/2 VCC	24	LT	L CH TREBLE
9	STB	BASS SHOCK	25	STT	TREBLE SHOCK
10	RT	R CH TREBLE FC	26	BGAIN	BASS MIX GAIN
11	RS	R CH BASS FC	27	MSIN	MONO SURR IN
12	ROUT	R CH OUT	28	BIN	BASS DET LPF AMP
13	SRV	VOL R CH SHOCK	29	ADD	AGC L+R OUT
14	SLV	VOL L CH SHOCK	30	CIN	C CH INPUT
15	SCL	SERIAL CLOCK	31	VCC	9V
16	SDA	SERIAL DATA	32	LIN	L CH INPUT

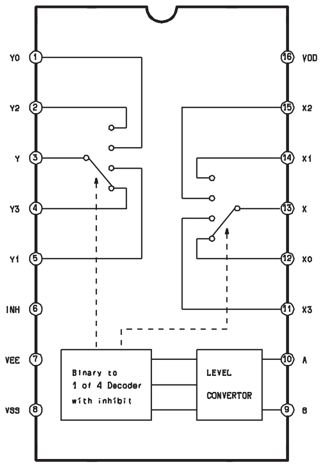
A
B
C
D
E

1 2 3 4 5 6 7

M52036SP

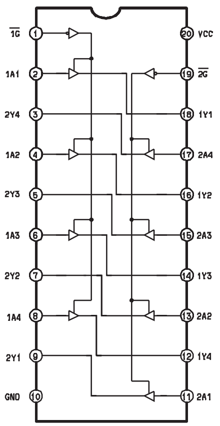

CLAMP TIMING
V.POL.
H.POL.
CLAMP OUT
VCC
HD- OUT
HD+ OUT
VD+ OUT
GND
VERT S/S IN
CLAMP GEN.
EDGE SW
V.SYNC SEP.
LOGIC
LOGIC
SYNC SEP.
HOR. SHAPE
HOR. DET
VERT SHAPE
VERT DET
H.STATE
V.STATE
GREEN SEP FILTER
GREEN IN
GND
COMP/H IN
COMP/H DET
VERT IN
VERT DET
VERT S/S ADJ

MC14052BF


Y0
Y2
Y
Y3
Y1
INH
VEE
VSS
VDD
X2
X1
X
X0
X3
A
B
Binary to 1 of 4 Decoder with inhibit
LEVEL CONVERTOR

INPUTS		OUTPUTS	
A	B	X	Y
L	L	X0	Y0
L	H	X1	Y1
H	L	X2	Y2
H	H	X3	Y3

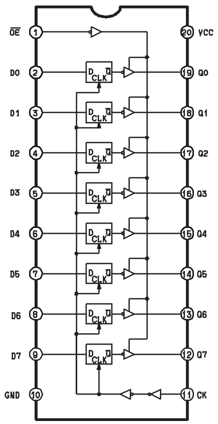
TC74ACT244F
TC74HC244F
TC74LCX244F


1G
1A1
2Y4
1A2
2Y3
1A3
2Y2
1A4
2Y1
GND
VCC
2G
1Y1
2A4
1Y2
2A3
1Y3
2A2
1Y4
2A1

INPUTS		OUTPUTS
G	An	
L	L	L
L	H	H
H	X	Z

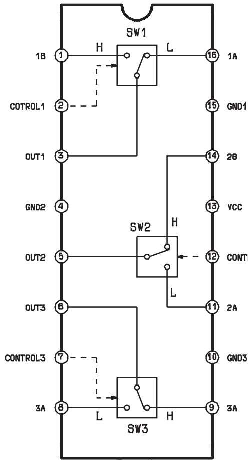
X:Don't Care
Z:High Impedance

TC74LCX574F

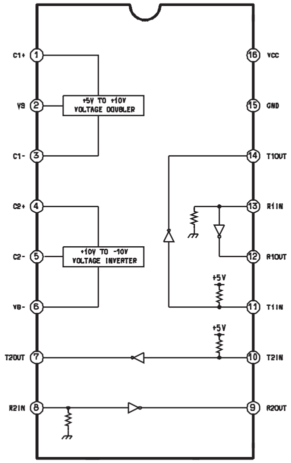

OE
D0
D1
D2
D3
D4
D5
D6
D7
GND
VCC
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
CK
D
Q
CLK

INPUTS			OUTPUTS
OE	CK	D	
H	X	X	Z
L	L	X	ON
L	L	L	L
L	L	H	H

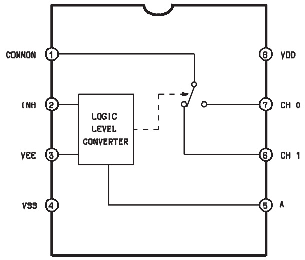
M52055FP


SW1
H
L
1B
COTROL1
OUT1
GND2
OUT2
OUT3
CONTROL3
3A
1A
GND1
2B
VCC
CONTROL2
2A
GND3
3A
SW2
H
L
SW3
L
H

MAX202CSE


C1+
VS
C1-
C2+
C2-
VS-
T2OUT
R2IN
VCC
GND
T1OUT
R1IN
R1OUT
T1IN
T2IN
R2OUT
+5V TO +10V VOLTAGE DOUBLER
+10V TO -10V VOLTAGE INVERTER
+5V
+5V

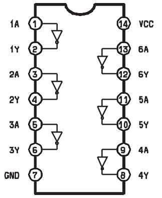
TC4W53F


COMMON
INH
VEE
VSS
VDD
CH 0
CH 1
A
LOGIC LEVEL CONVERTER

INPUTA		ON CHNNEL
INH	A	
L	L	CH 0
L	H	CH 1
H	*	NONE

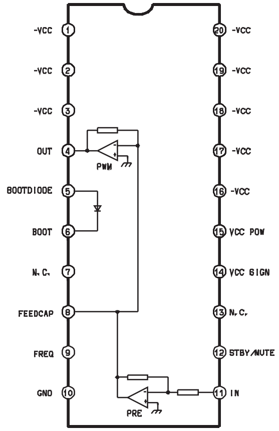
*:Don't care

TC74HC14AF
TC74HCU04AF


1A
1Y
2A
2Y
3A
3Y
GND
VCC
6A
6Y
5A
5Y
4A
4Y

A	Y
L	H
H	L

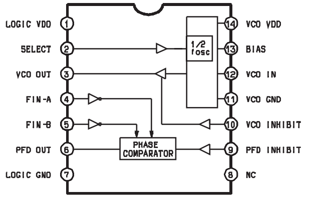
TDA7480


-VCC
-VCC
-VCC
OUT
BOOTDIODE
BOOT
N.C.
FEEDCAP
FREQ
GND
-VCC
-VCC
-VCC
-VCC
-VCC
VCC POW
VCC SIGN
N.C.
STBY/MUTE
IN
PWM
PRE

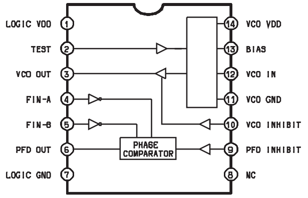
INPUTS		OUTPUTS
G	An	
L	L	L
L	H	H
H	X	Z

X:Don't Care
Z:High Impedance

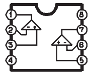
TCL2932


LOGIC VDD
SELECT
VCO OUT
FIN-A
FIN-B
PFD OUT
LOGIC GND
VCO VDD
BIAS
VCO IN
VCO GND
VCO INHIBIT
PFD INHIBIT
NC
1/2 fosc
PHASE COMPARATOR

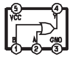
TCL2933


LOGIC VDD
TEST
VCO OUT
FIN-A
FIN-B
PFD OUT
LOGIC GND
VCO VDD
BIAS
VCO IN
VCO GND
VCO INHIBIT
PFD INHIBIT
NC
PHASE COMPARATOR

NJM2903M



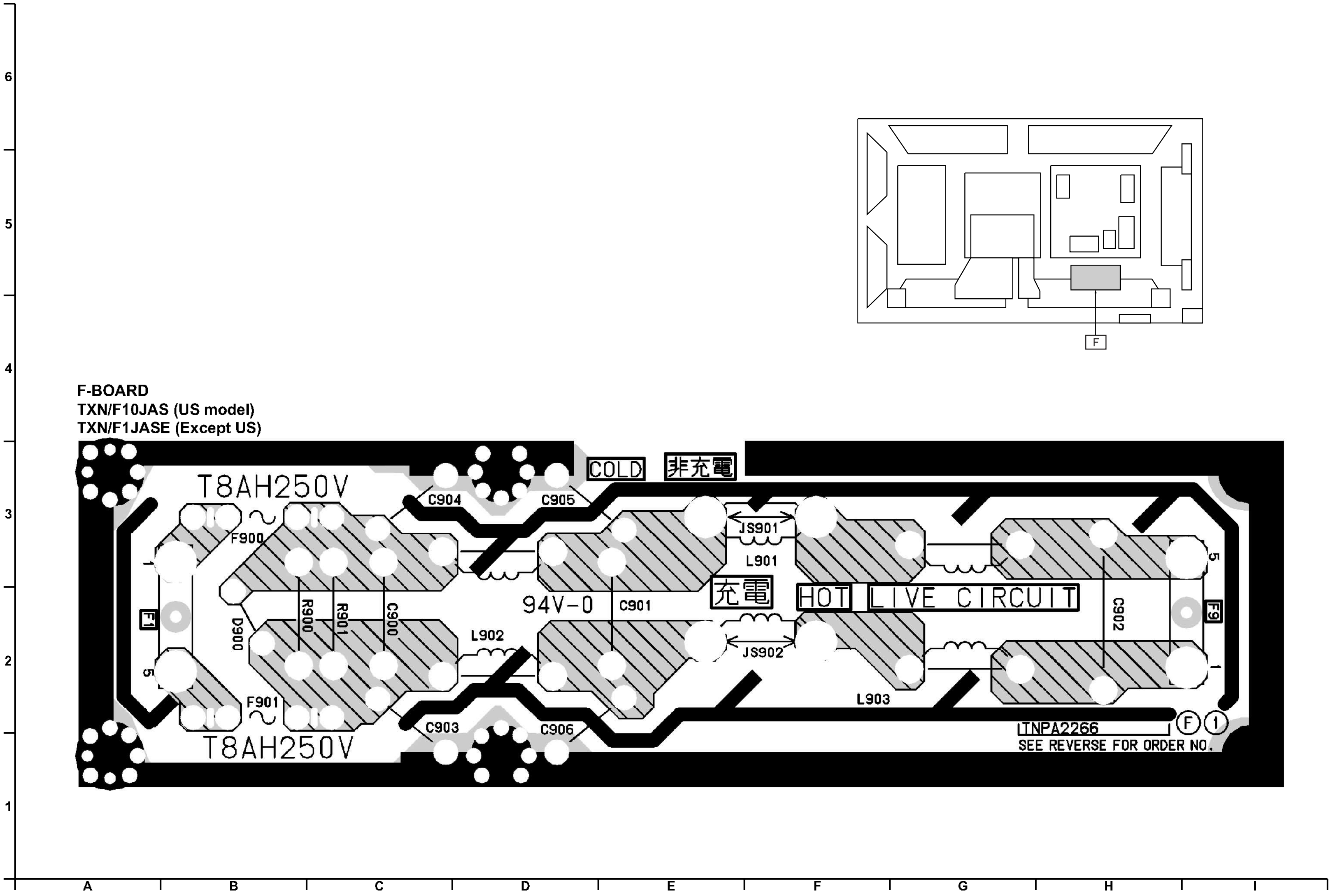
TC7SH32FU



A	B	Y
L	L	H
L	H	H
H	L	H
H	H	L

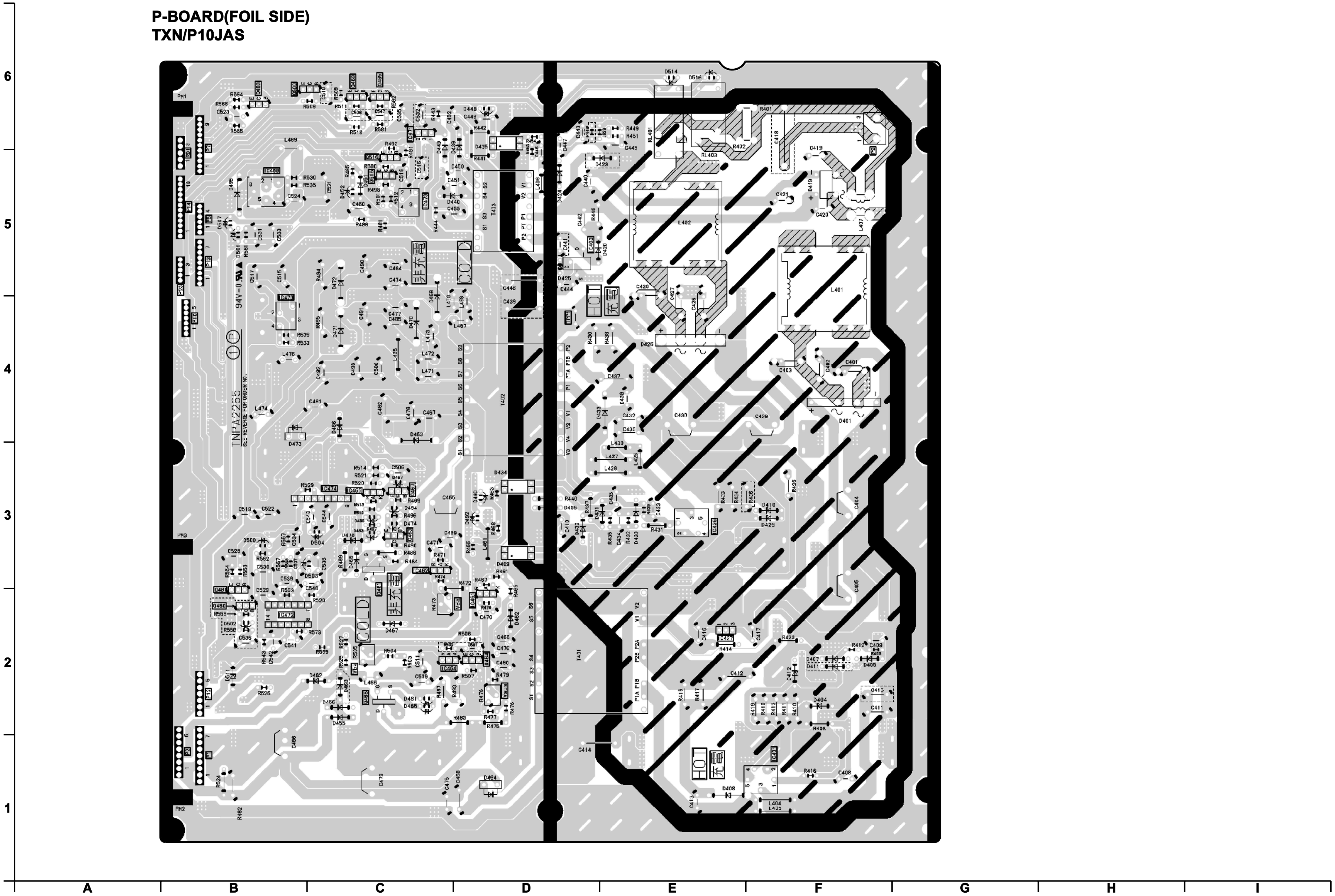
12 Conductor Views

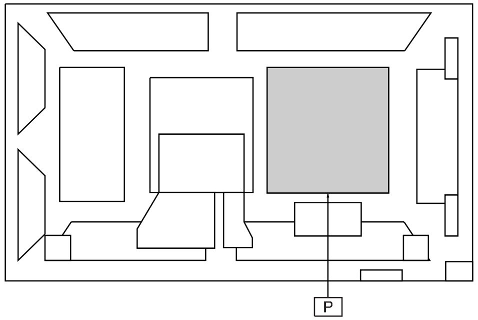
12.1. F-Board


F
F-BOARD
TXN/F10JAS (US model)
TXN/F1JASE (Except US)
T8AH250V
F900
F901
R900
R901
C900
D900
C904
C905
C903
C906
COLD
非充電
JS901
L901
充電
HOT
LIVE CIRCUIT
JS902
L902
L903
94V-0
C901
C902
F1
F9
1
5
TNPA2266
SEE REVERSE FOR ORDER NO.
F
1
1
2
3
4
5
6
A
B
C
D
E
F
G
H
I

12.2. P-Board (US model)

P-BOARD(FOIL SIDE)
TXN/P10JAS


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA2265
SEE REVERSE FOR ORDER NO.
94V-0
HOT
COLD
T401
T402
T413
L401
L402
RL401



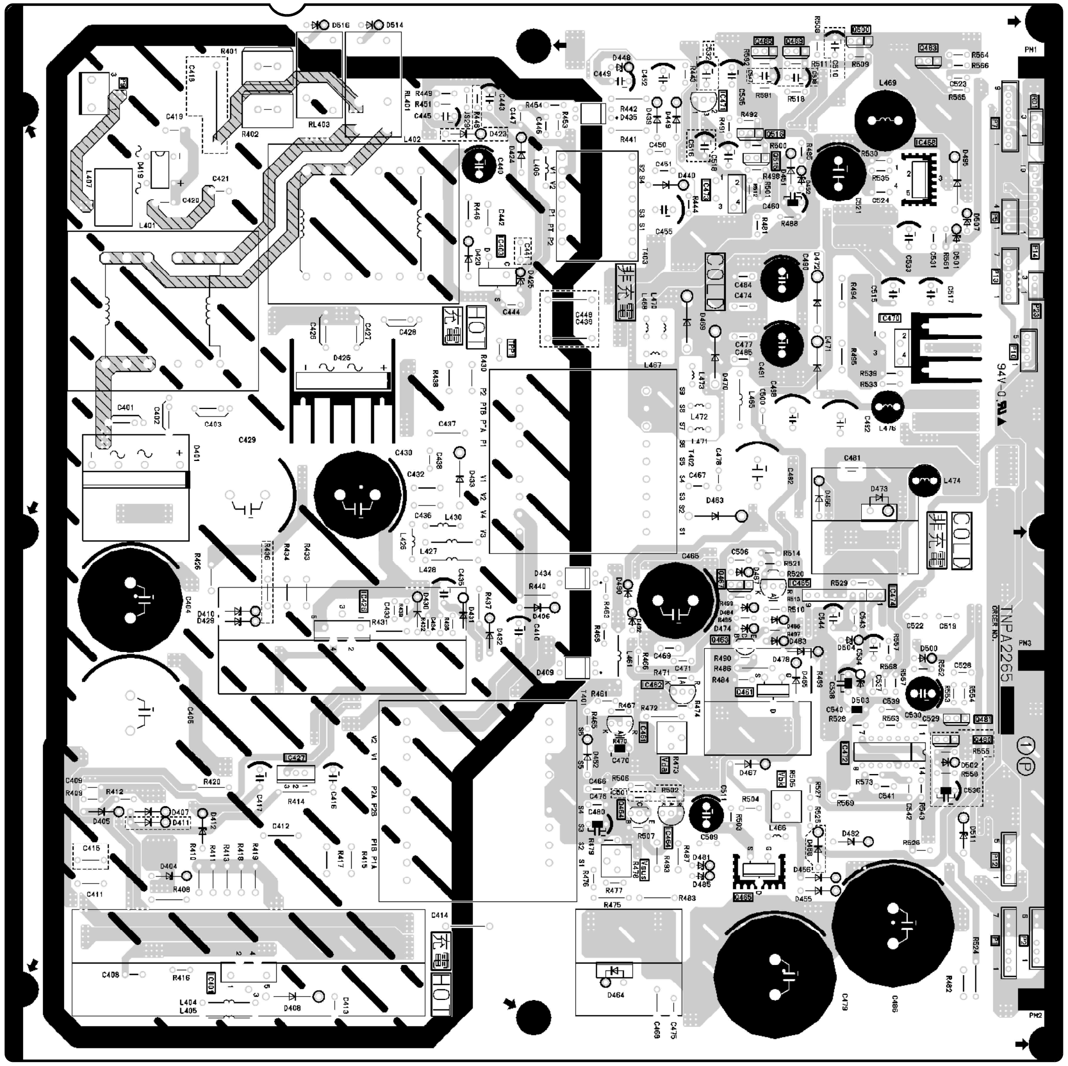
Parts Location

P-BOARD (FOIL SIDE)					
IC		TRANSISTOR		TP	
IC401	F-1	Q461	C-3	TPP1	D-4
IC403	D-5	Q463	C-3		
IC426	E-3	Q464	C-2		
IC427	E-2	Q465	C-2		
IC461	C-2	Q467	C-3		
IC462	C-3	Q469	C-6		
IC464	C-2	Q480	B-2		
IC465	C-3	Q481	B-3		
IC468	B-5	Q483	B-6		
IC470	B-4	Q485	C-6		
IC471	C-6	Q500	C-6		
IC472	B-2	Q515	C-5		
IC473	C-5	Q516	C-5		
IC474	C-3				

Parts Location

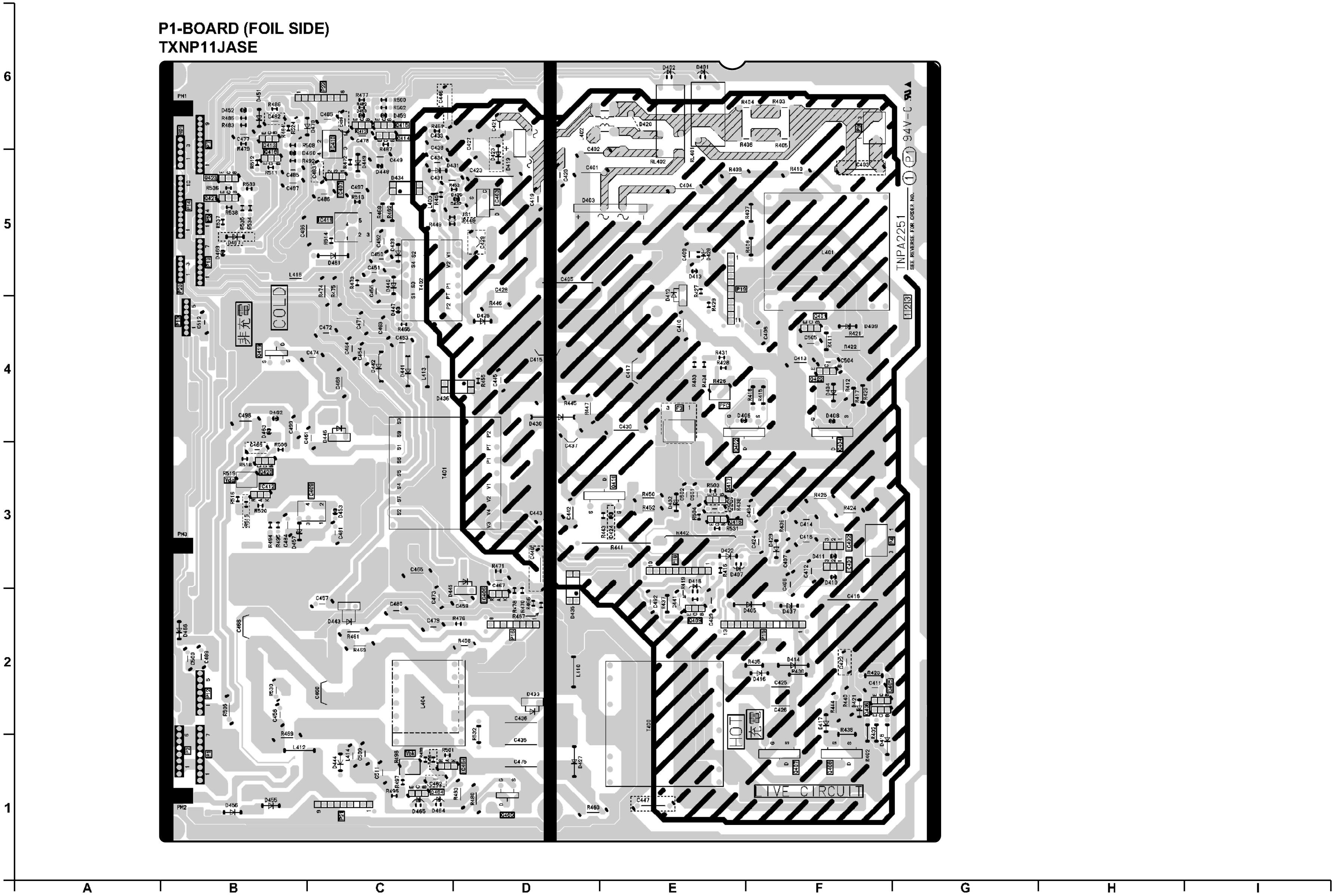
P-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC401	C-1	Q461	E-3
IC403	D-5	Q463	E-3
IC426	C-3	Q464	E-2
IC427	C-2	Q465	E-2
IC461	E-2	Q467	E-3
IC462	E-3	Q469	E-6
IC464	E-2	Q480	F-2
IC465	E-3	Q481	F-2
IC468	F-5	Q483	F-6
IC470	F-5	Q485	E-6
IC471	E-6	Q500	F-6
IC472	F-2	Q515	E-5
IC473	E-5	Q516	E-5
IC474	F-3		

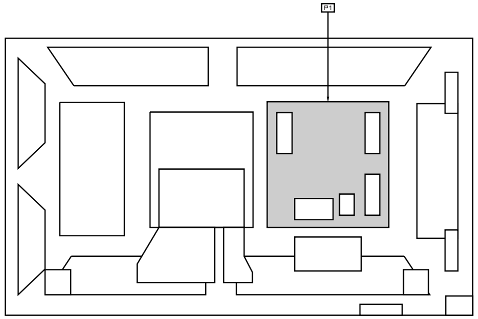
P-BOARD(COMPONENT SIDE) US Model
TXN/P10JAS


6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
PN1
PN2
PN3
TNPA2265
94V-0
COLD
HOT
L469
L474
L476
C479
C486
D464
D426
D401

12.3. P1-Board (Except US)

P1-BOARD (FOIL SIDE)
TXNP11JASE


COLD
HOT
LIVE CIRCUIT
TNPA2251
94V-C
T401
T400
L404
L401
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I



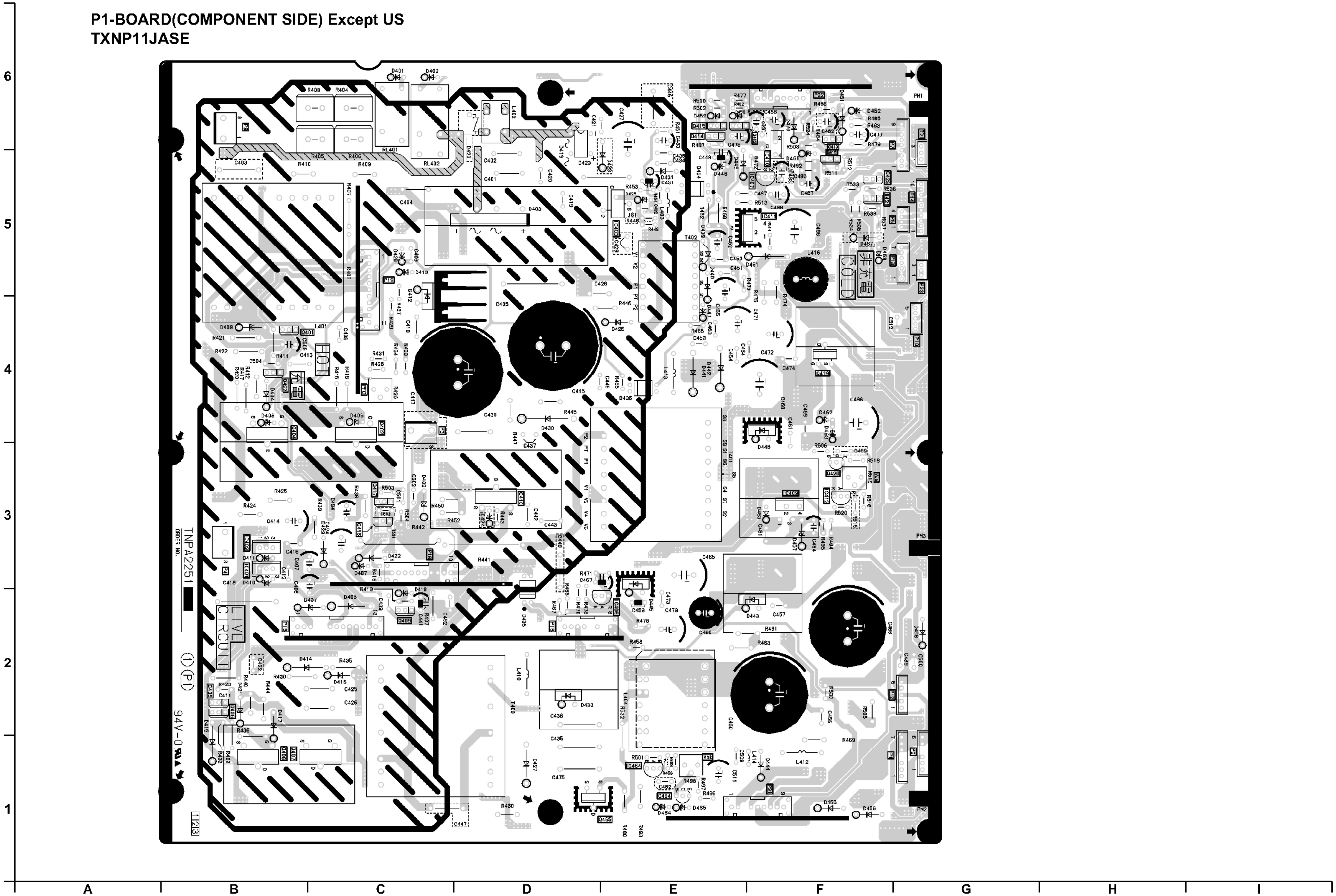
Parts Location

P-BOARD (FOIL SIDE)					
IC		TRANSISTOR			
IC401	F-3	Q401	F-4	Q417	E-3
IC402	F-3	Q402	E-3	Q418	B-5
IC403	D-5	Q404	F-3	Q419	B-4
IC406	D-2	Q405	F-2	Q420	B-3
IC407	C-5	Q406	F-2	Q421	B-5
IC409	C-3	Q407	F-1	Q422	F-4
IC410	C-5	Q408	F-1	Q423	B-5
IC411	C-5	Q409	E-2	Q464	C-1
IC412	B-3	Q410	E-3	Q465	D-1
IC464	D-1	Q412	C-6		
		Q413	B-5		
		Q414	C-6		
		Q415	C-6		
		Q416	E-3		

Parts Location

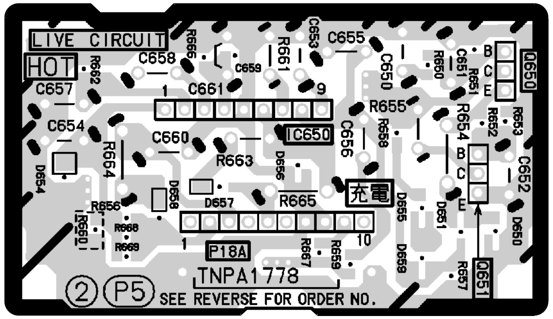
P-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR			
IC401	B-3	Q401	B-3	Q418	F-5
IC402	B-3	Q402	C-4	Q419	F-4
IC403	E-5	Q404	B-3	Q420	F-3
IC406	E-2	Q405	B-2	Q421	F-5
IC407	E-5	Q406	B-2	Q422	B-3
IC409	F-3	Q407	B-1	Q423	F-5
IC410	F-5	Q408	B-1	Q464	E-1
IC411	F-5	Q409	C-2	Q465	D-1
IC412	F-3	Q410	D-3		
IC464	E-1	Q413	F-5		
		Q414	E-6		
		Q415	E-6		
		Q416	C-3		
		Q417	C-3		

P1-BOARD(COMPONENT SIDE) Except US
TXNP11JASE

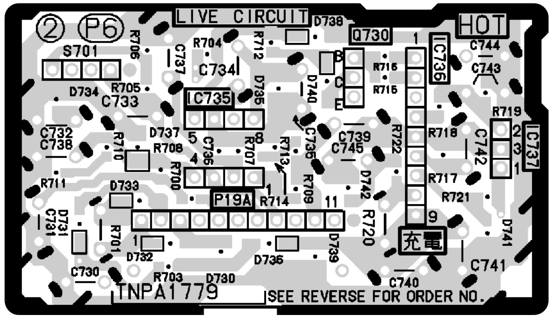

6
5
4
3
2
1
A
B
C
D
E
F
G
H
I
TNPA2251
LIVE CIRCUIT
COLD
94V-0

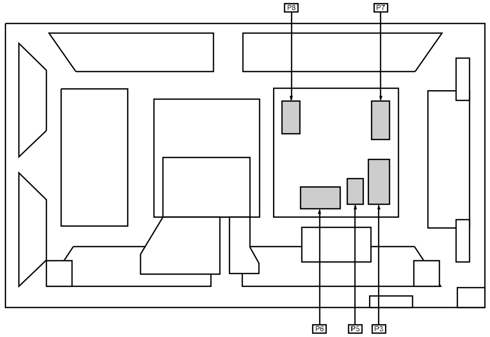
12.4. P3, P5, P6, P7 and P8-Board (Except US)

P5-BOARD (FOIL SIDE)
TNPA1778

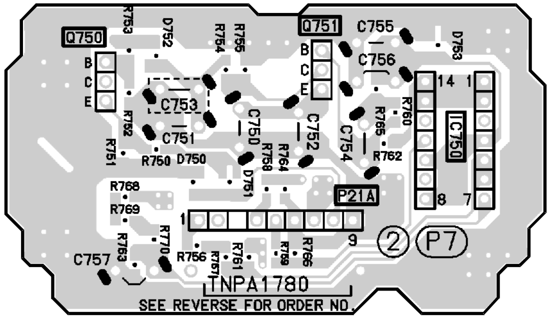

LIVE CIRCUIT
HOT
C657
C654
C658
C661
C660
R664
R663
R665
R655
R654
C655
C650
C656
C652
IC650
Q650
Q651
P18A
充電
TNPA1778
② P5
SEE REVERSE FOR ORDER NO.

P6-BOARD (FOIL SIDE)
TNPA1779

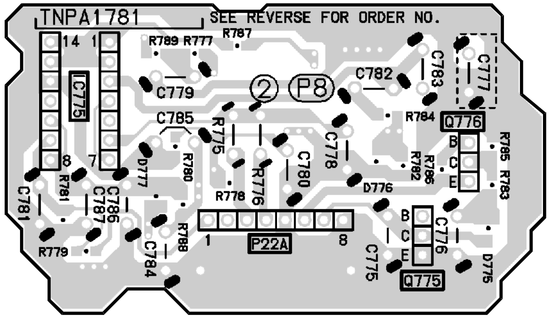

② P6
LIVE CIRCUIT
HOT
S701
Q730
IC735
IC736
IC737
C734
C733
C732
C738
C742
C741
P19A
R720
充電
TNPA1779
SEE REVERSE FOR ORDER NO.


P8
P7
P6
P5
P3

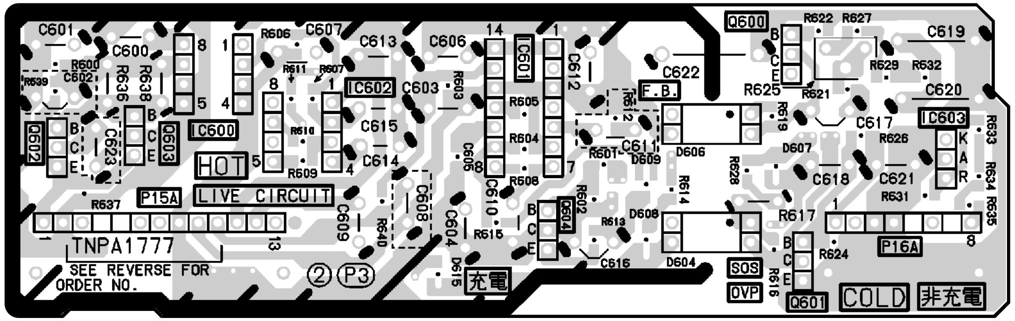
P7-BOARD (FOIL SIDE)
TNPA1780


Q750
Q751
C755
C756
C753
C751
C750
C752
C754
IC750
P21A
C757
② P7
TNPA1780
SEE REVERSE FOR ORDER NO.

P8-BOARD (FOIL SIDE)
TNPA1781


TNPA1781
SEE REVERSE FOR ORDER NO.
② P8
IC775
C779
C785
C782
C783
C777
Q776
C778
C780
C786
C787
C781
C784
P22A
C776
C775
Q775

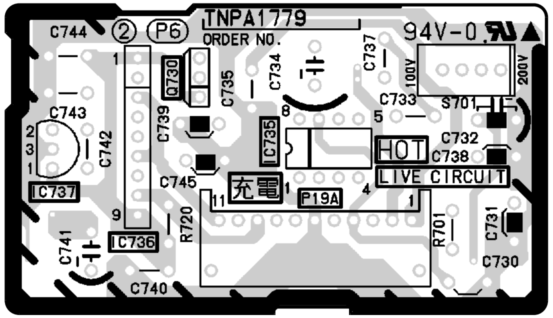
P3-BOARD (FOIL SIDE)
TNPA1777


C601
C600
R636
R638
Q602
Q603
IC600
HOT
LIVE CIRCUIT
P15A
TNPA1777
SEE REVERSE FOR ORDER NO.
② P3
C607
C613
C606
IC602
C603
C615
C614
IC601
C612
C608
C609
C604
C610
Q604
充電
Q600
C622
F.B.
R625
C619
C620
IC603
C617
C618
C621
R617
P16A
SOS
OVP
Q601
COLD
非充電

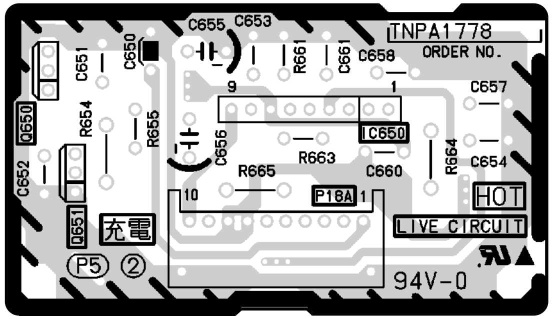
6
5
4
3
2
1

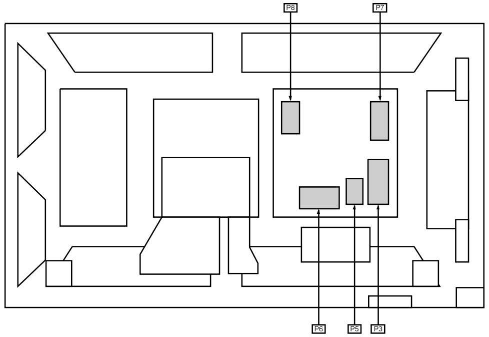
A B C D E F G H I

P6-BOARD (COMPONENT SIDE)
TNPA1779

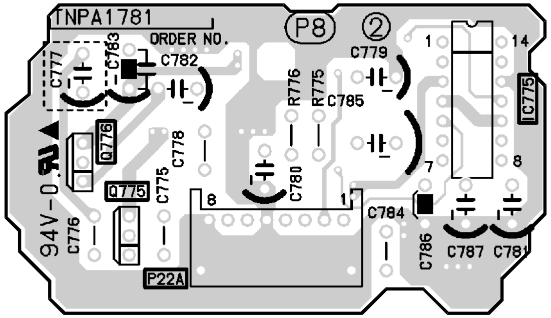

C744
②
P6
TNPA1779
ORDER NO.
94V-0
C737
100V
200V
C743
C742
Q730
C735
C734
C733
S701
C739
IC735
C732
C738
HOT
LIVE CIRCUIT
C745
IC737
充電
P19A
R720
R701
C731
IC736
C741
C740
C730

P5-BOARD (COMPONENT SIDE)
TNPA1778

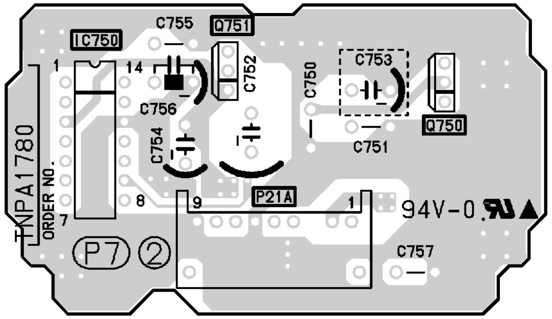

C655
C653
TNPA1778
ORDER NO.
C651
C650
R661
C661
C658
C657
Q650
R654
R655
C656
IC650
R663
R664
C654
C652
R665
C660
HOT
P18A
Q651
充電
LIVE CIRCUIT
P5
②
94V-0


P8
P7
P6
P5
P3

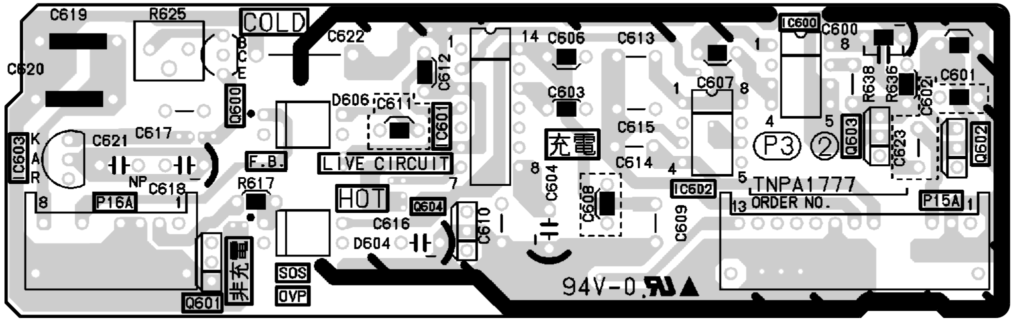
P8-BOARD (COMPONENT SIDE)
TNPA1781


TNPA1781
ORDER NO.
P8
②
C777
C783
C782
C779
R776
R775
C785
IC775
Q776
C778
C780
94V-0
Q775
C775
C784
C776
C786
C787
C781
P22A

P7-BOARD (COMPONENT SIDE)
TNPA1780


IC750
C755
Q751
C753
C752
C750
C756
Q750
C754
C751
TNPA1780
ORDER NO.
P21A
94V-0
P7
②
C757

P3-BOARD (COMPONENT SIDE)
TNPA1777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R625
COLD
C622
C606
C613
IC600
C600
C620
C612
Q600
C601
R638
R636
C602
C607
C603
D606
C611
C615
IC601
Q603
C623
Q602
C621
C617
充電
P3
②
IC603
C614
F.B.
LIVE CIRCUIT
NP
C618
R617
C604
C608
IC602
TNPA1777
ORDER NO.
P16A
HOT
Q604
P15A
C616
C610
C609
D604
非充電
SOS
OVP
Q601
94V-0

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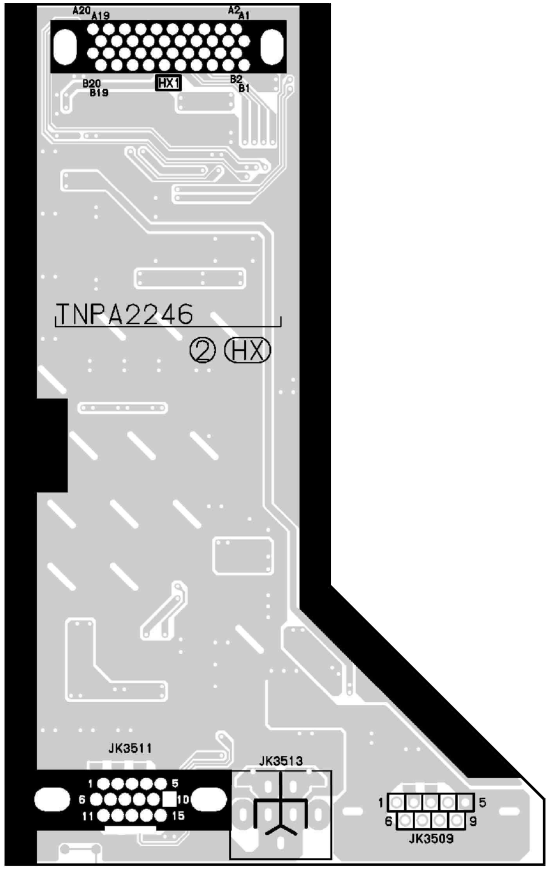
1

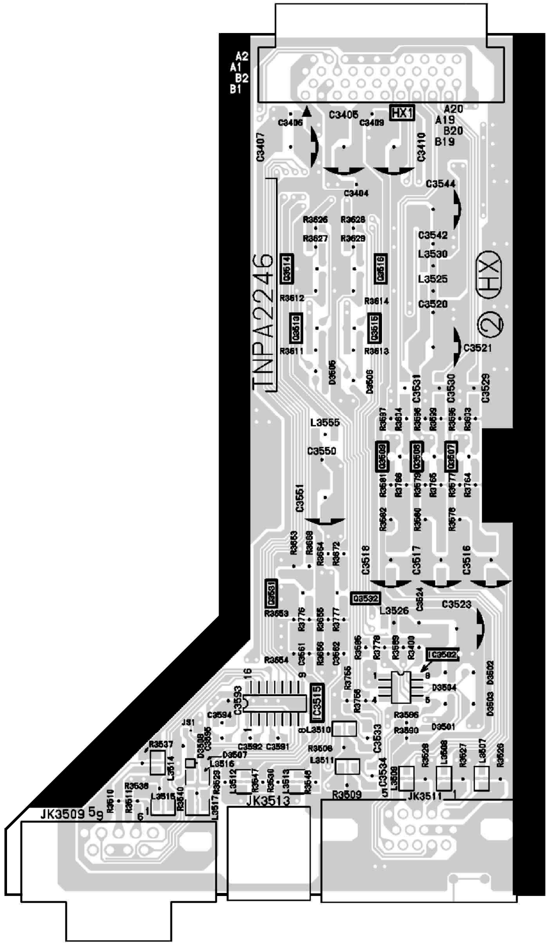
A B C D E F G H I

12.5. HX-Board

HX-BOARD(FOIL SIDE)
TZTNP020JAS


A20
A19
A2
A1
B20
B19
B2
B1
HX1
TNPA2246
② HX
JK3511
1
5
6
10
11
15
JK3513
1
5
6
9
JK3509

HX-BOARD(COMPONENT SIDE)
TZTNP020JAS


A2
A1
B2
B1
HX1
A20
A19
B20
B19
C3406
C3405
C3409
C3407
C3410
C3404
C3544
R3626
R3628
R3627
R3629
C3542
L3530
L3525
C3520
Q3514
Q3516
R3612
R3614
Q3513
Q3515
R3611
R3613
C3521
TNPA2246
② HX
L3555
C3550
C3531
C3530
C3529
Q3509
Q3508
Q3507
C3551
C3518
C3517
C3516
Q3531
Q3532
L3526
C3523
R3653
R3654
IC3502
D3594
C3593
IC3515
C3594
JS1
R3637
L3514
D3507
L3510
L3511
R3506
R3530
D3501
C3533
C3534
R3509
R3509
JK3509
JK3513
JK3511

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A
B
C
D
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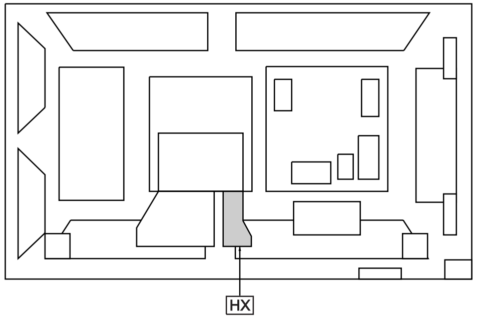
F
G
H
I

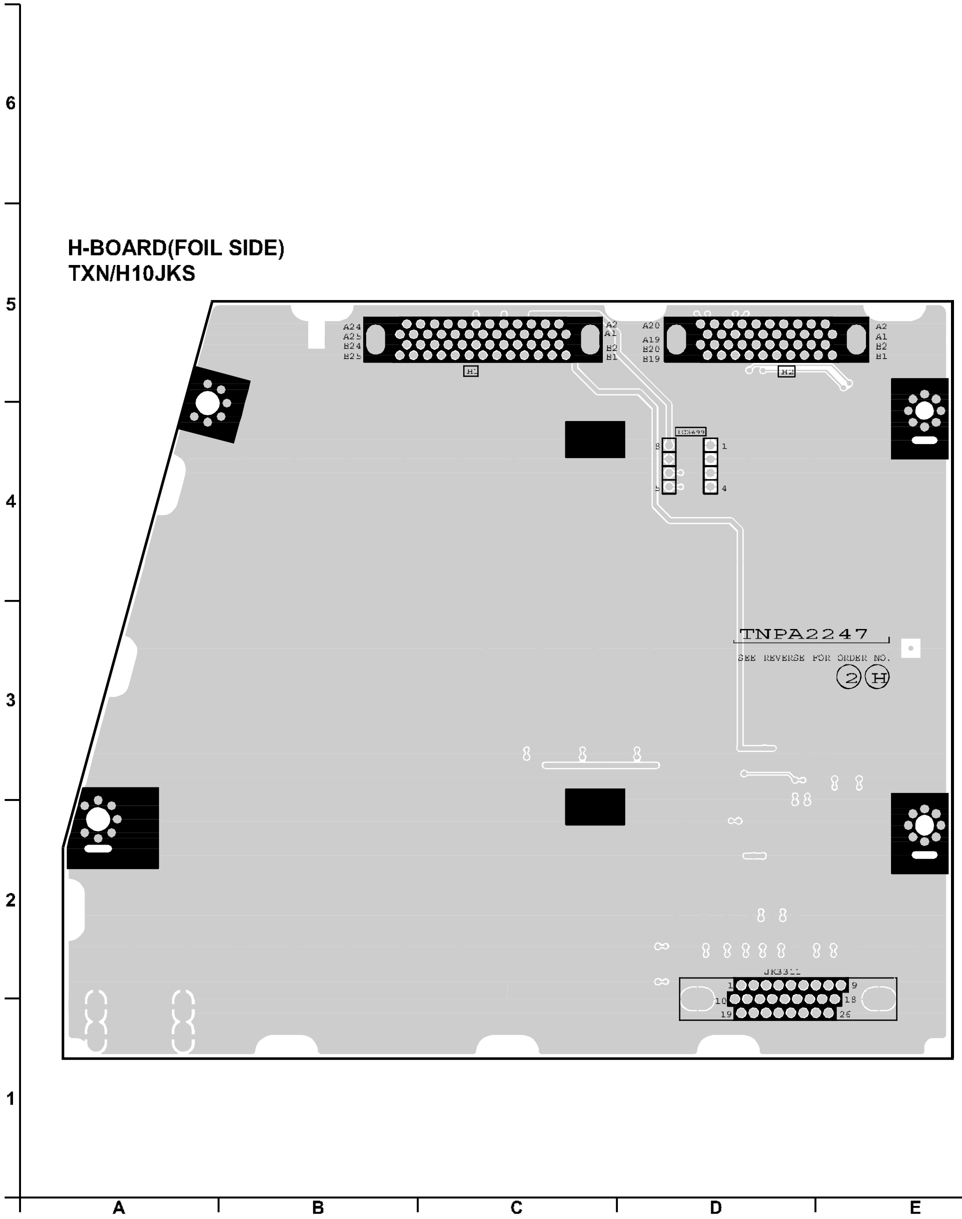


Parts Location

HX-BOARD			
IC		TRANSISTOR	
IC3502	F-2	Q3507	F-3
IC3515	E-2	Q3508	F-3
		Q3509	F-3
		Q3513	E-4
		Q3514	E-4
		Q3515	F-4
		Q3516	F-4
		Q3531	E-3
		Q3532	F-3

12.6. H-Board (Option TY-42TM4H)

H-BOARD(FOIL SIDE)
TXN/H10JKS


6
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B
C
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A24
A25
B24
B25
A2
A1
B2
B1
H1
A20
A19
B20
B19
A2
A1
B2
B1
H2
IC3699
8
1
5
4
TNPA2247
SEE REVERSE FOR ORDER NO.
2
H
JK3311
1
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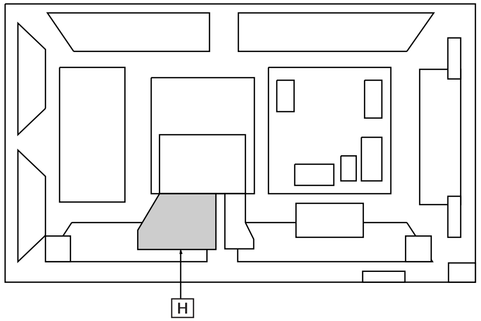
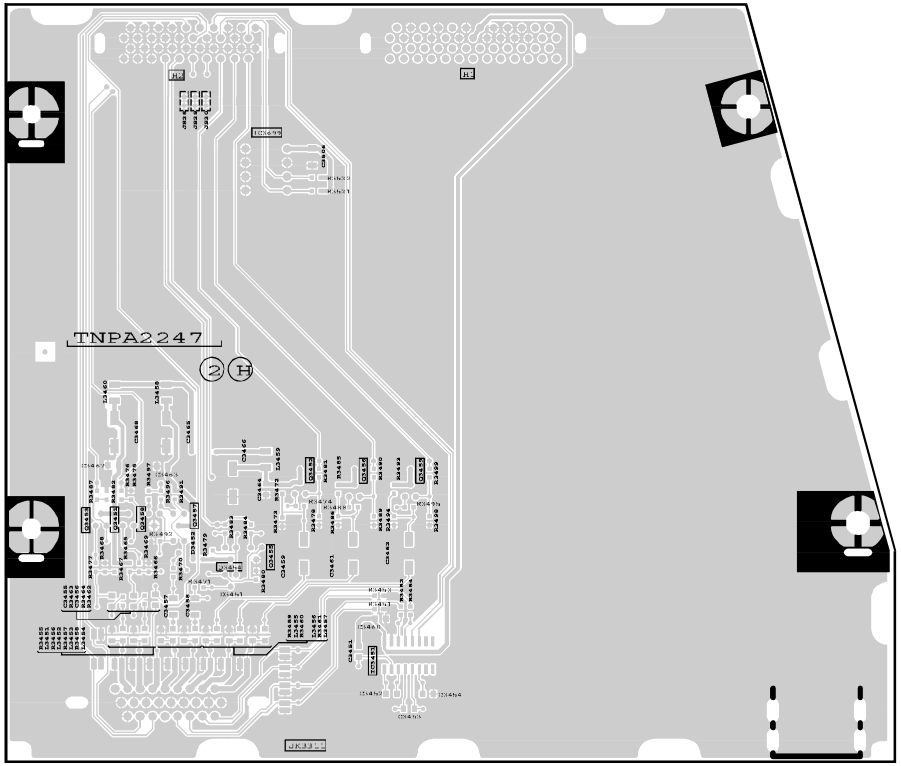
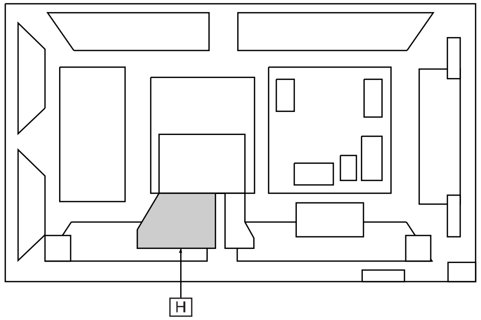
18
19
26



H-BOARD(COMPONENT SIDE)
TXN/H10JKS



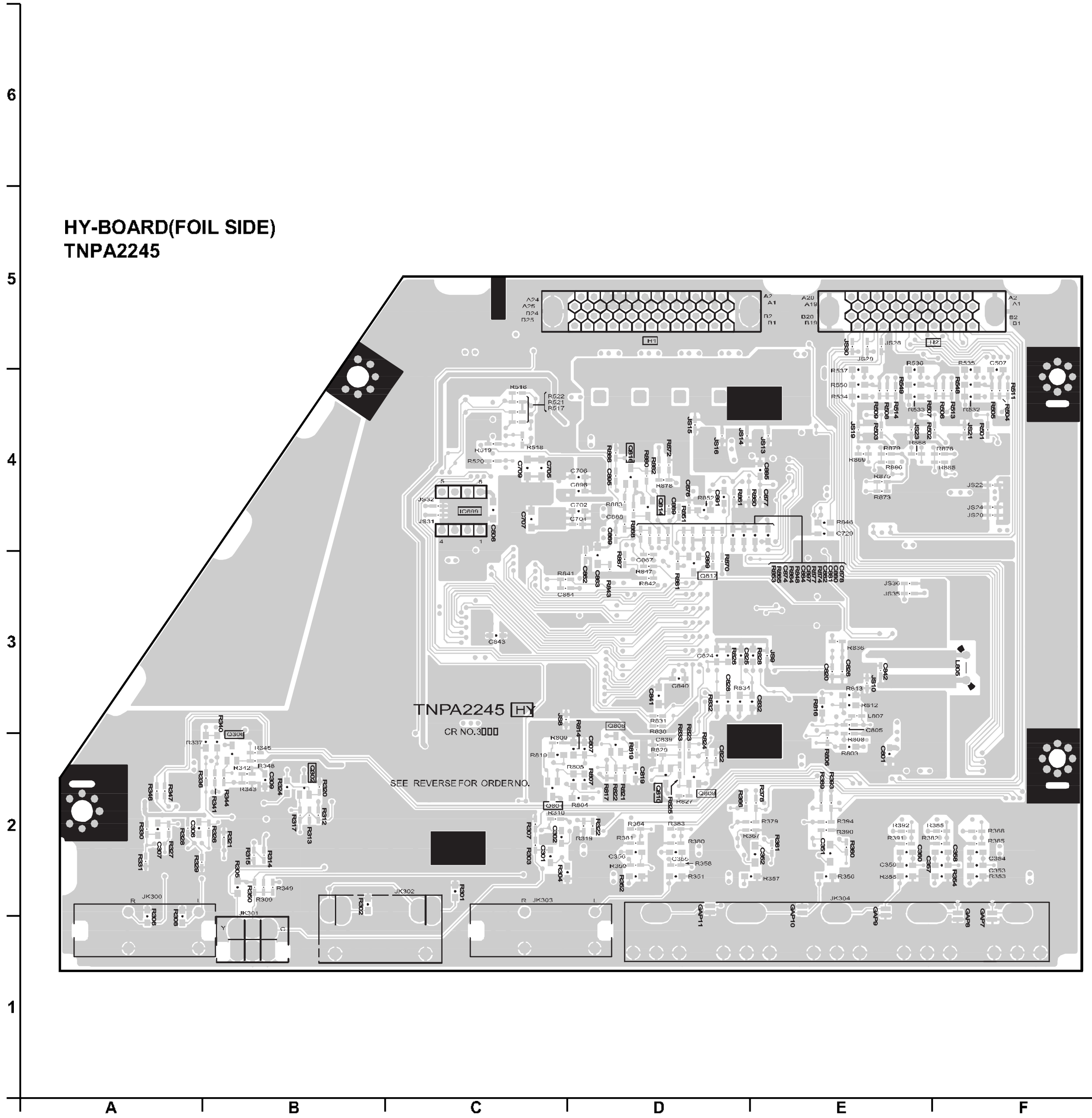


Parts Location

H-BOARD (COMPONENT SIDE)			
IC		TRANSISTOR	
IC3451	B-2	Q3451	A-2
IC3699	D-2	Q3452	B-3
		Q3453	A-2
		Q3454	B-2
		Q3455	B-2
		Q3456	B-3
		Q3457	B-2
		Q3458	A-2
		Q3459	B-3

12.7. HY-Board (Option TY-42TM4Y)

HY-BOARD(FOIL SIDE)
TNPA2245


TNPA2245 HY
CR NO.3
SEE REVERSE FOR ORDER NO.
IC3699
JK300
JK301
JK302
JK303
JK304
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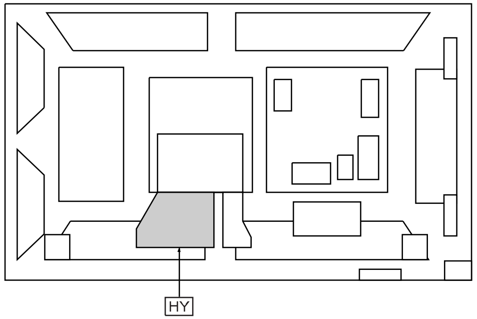
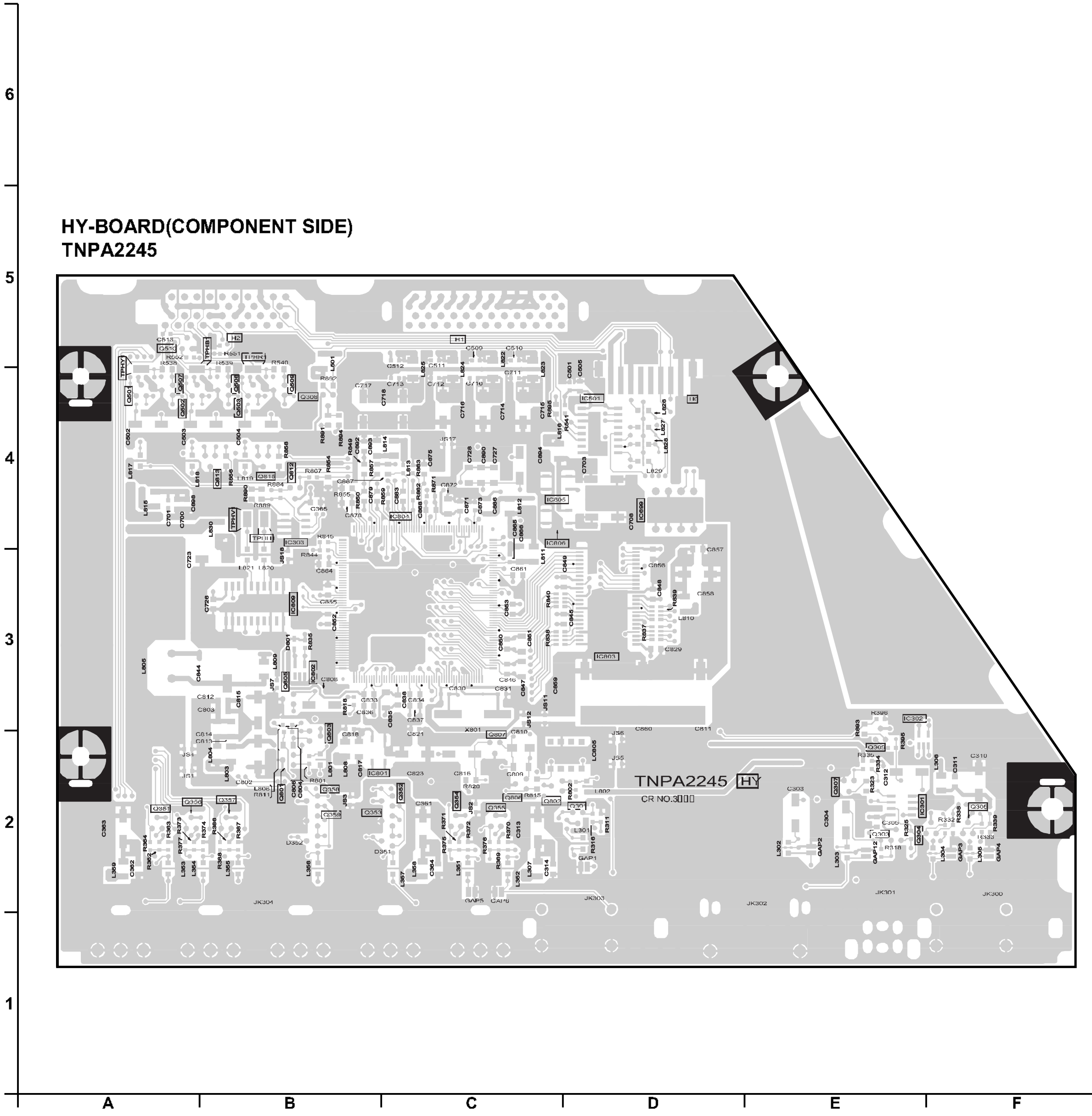
A
B
C
D
E
F
G
H
I



Parts Location

HY-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC3699	C-4	Q3302	B-2
		Q3306	B-2
		Q3804	C-2
		Q3808	D-2
		Q3809	D-2
		Q3810	D-2
		Q3814	D-4
		Q3816	D-4
		Q3817	D-3

HY-BOARD(COMPONENT SIDE)
TNPA2245


6
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C
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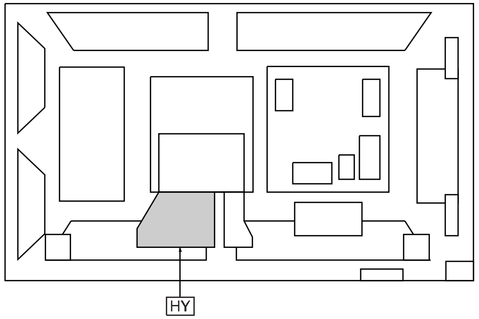
TNPA2245 HY
CR NO.3
JK304
JK303
JK302
JK301
JK300

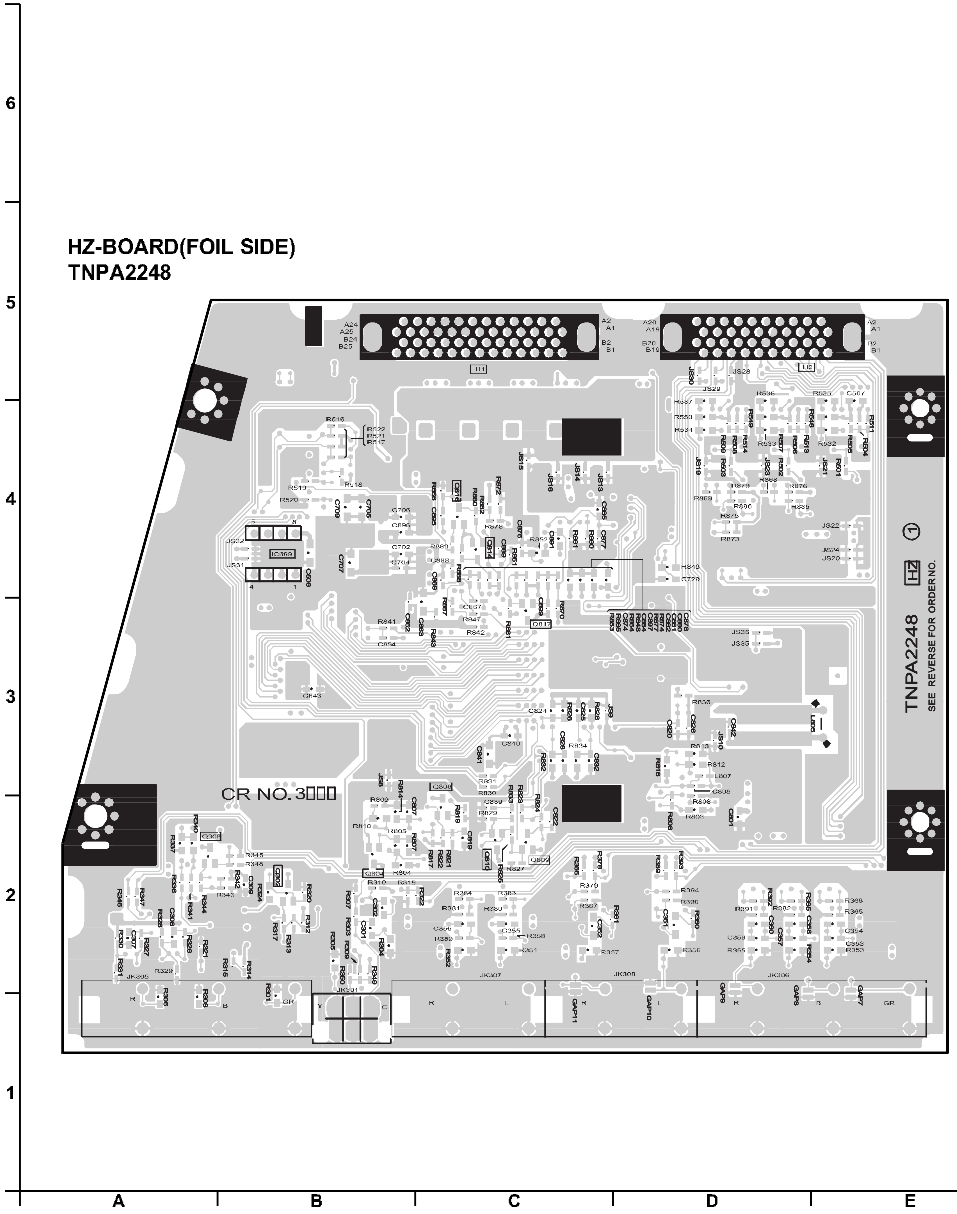


Parts Location

HY-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR			
IC3301	E-2	Q3301	D-1	Q3507	A-4
IC3302	E-3	Q3303	E-2	Q3508	B-4
IC3303	B-4	Q3304	E-2	Q3509	B-4
IC3501	D-4	Q3305	F-2	Q3510	A-5
IC3699	D-4	Q3307	E-2	Q3801	B-2
IC3801	B-2	Q3308	B-4	Q3802	C-2
IC3802	B-3	Q3309	E-2	Q3803	B-2
IC3803	D-2	Q3351	A-2	Q3805	B-3
IC3804	C-4	Q3352	C-2	Q3806	C-2
IC3805	C-4	Q3353	B-2	Q3807	C-2
IC3806	C-4	Q3354	C-2	Q3812	B-4
IC3809	B-3	Q3355	C-2	Q3813	B-4
		Q3356	A-2	Q3815	B-4
		Q3357	B-2	TP	
		Q3358	B-2	TPHB	B-5
		Q3369	B-2	TPHH	B-4
		Q3501	A-4	TPHR	B-5
		Q3502	A-4	TPHV	B-4
		Q3503	B-4	TPHY	A-4

12.8. HZ-Board (Option TY-42T\M4Z)

HZ-BOARD(FOIL SIDE)
TNPA2248


6
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A
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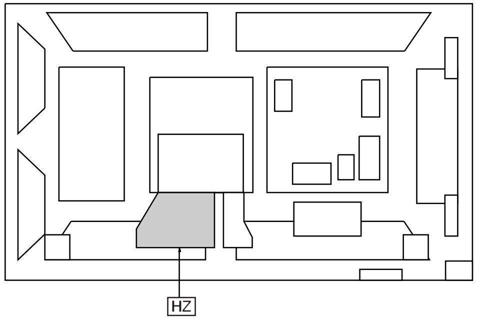
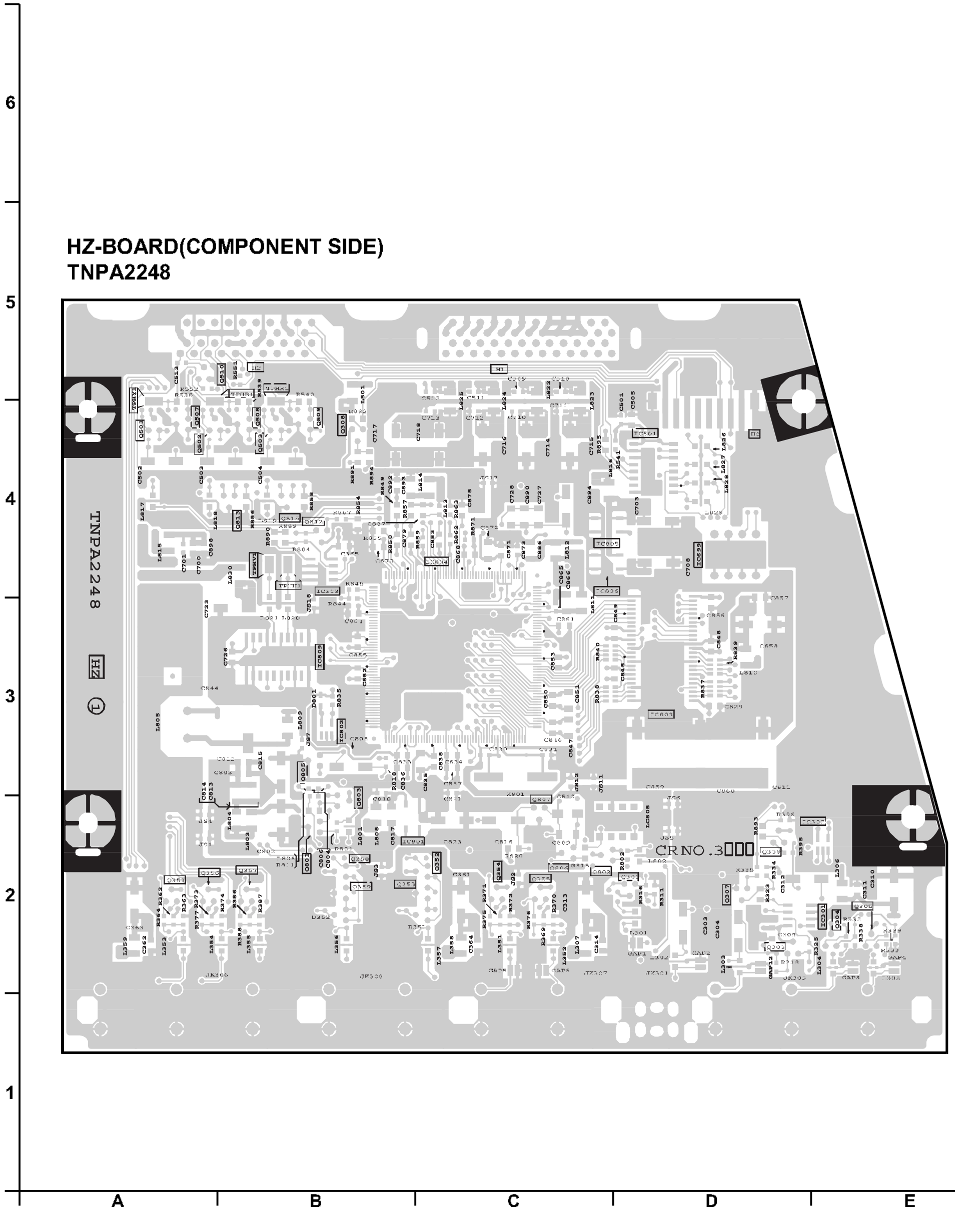
C
D
E
TNPA2248
SEE REVERSE FOR ORDER NO.
HZ
①
CR NO.3
JK305
JK301
JK307
JK308
JK306

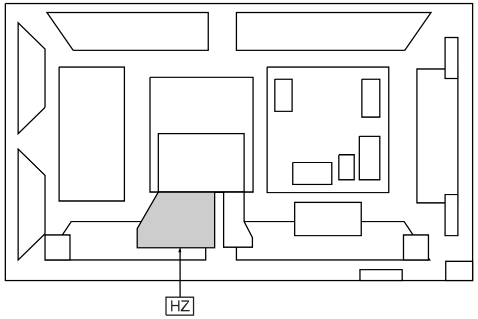


Parts Location

HZ-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC3699	B-4	Q3302	B-2
		Q3306	A-2
		Q3804	B-2
		Q3808	C-3
		Q3809	C-2
		Q3810	C-2
		Q3814	C-4
		Q3816	C-4
		Q3817	C-3

HZ-BOARD(COMPONENT SIDE)
TNPA2248





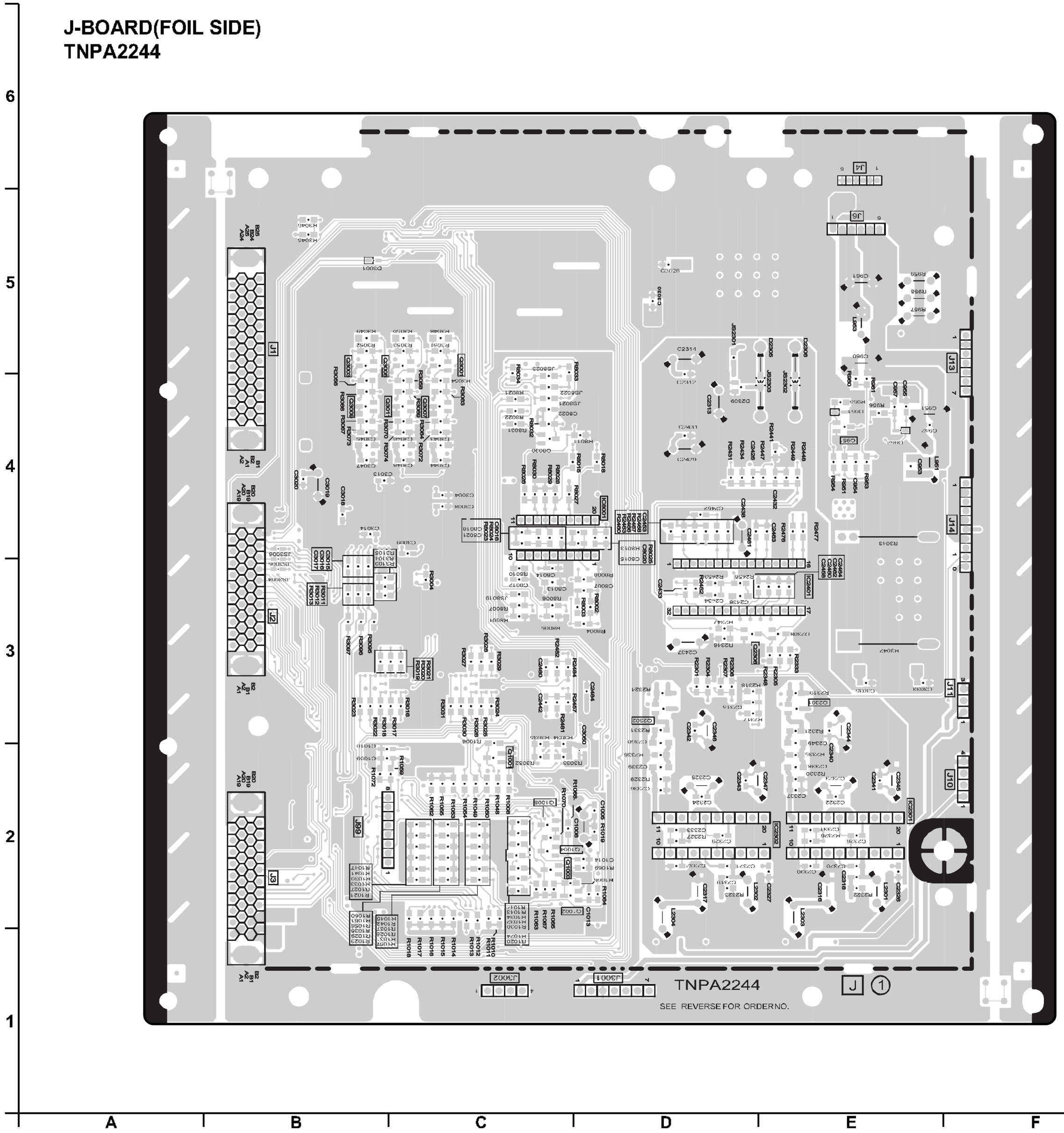
Parts Location

HZ-BOARD (COMPONENT SIDE)

IC		TRANSISTOR		Q3507	A-4
IC3301	E-2	Q3301	D-2	Q3508	B-4
IC3301	E-2	Q3303	D-2	Q3509	B-4
IC3302	D-2	Q3304	E-2	Q3510	B-5
IC3303	B-4	Q3305	E-2	Q3801	B-2
IC3501	D-4	Q3307	D-2	Q3802	C-2
IC3699	D-4	Q3308	B-4	Q3803	B-2
IC3801	B-2	Q3309	D-2	Q3805	B-3
IC3802	B-3	Q3351	A-2	Q3806	C-2
IC3803	D-3	Q3352	C-2	Q3807	C-2
IC3804	C-4	Q3353	B-2	Q3812	B-4
IC3805	C-4	Q3354	C-2	Q3813	B-4
IC3806	C-4	Q3355	C-2	Q3815	B-4
IC3809	B-3	Q3356	A-2		
		Q3357	B-2	**TP**	
		Q3358	B-2	TPHB1	B-5
		Q3359	B-2	TPHH1	B-4
		Q3501	A-4	TPHR1	B-5
		Q3502	A-4	TPHV1	B-4
		Q3503	B-4	TPHY1	A-4

12.9. J-Board

J-BOARD(FOIL SIDE)
TNPA2244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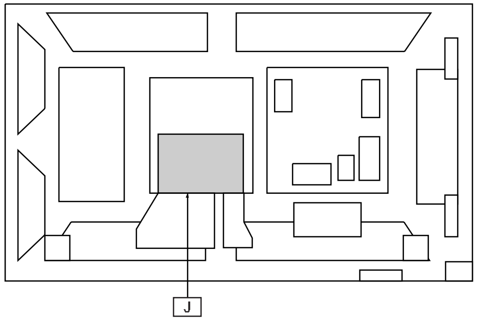
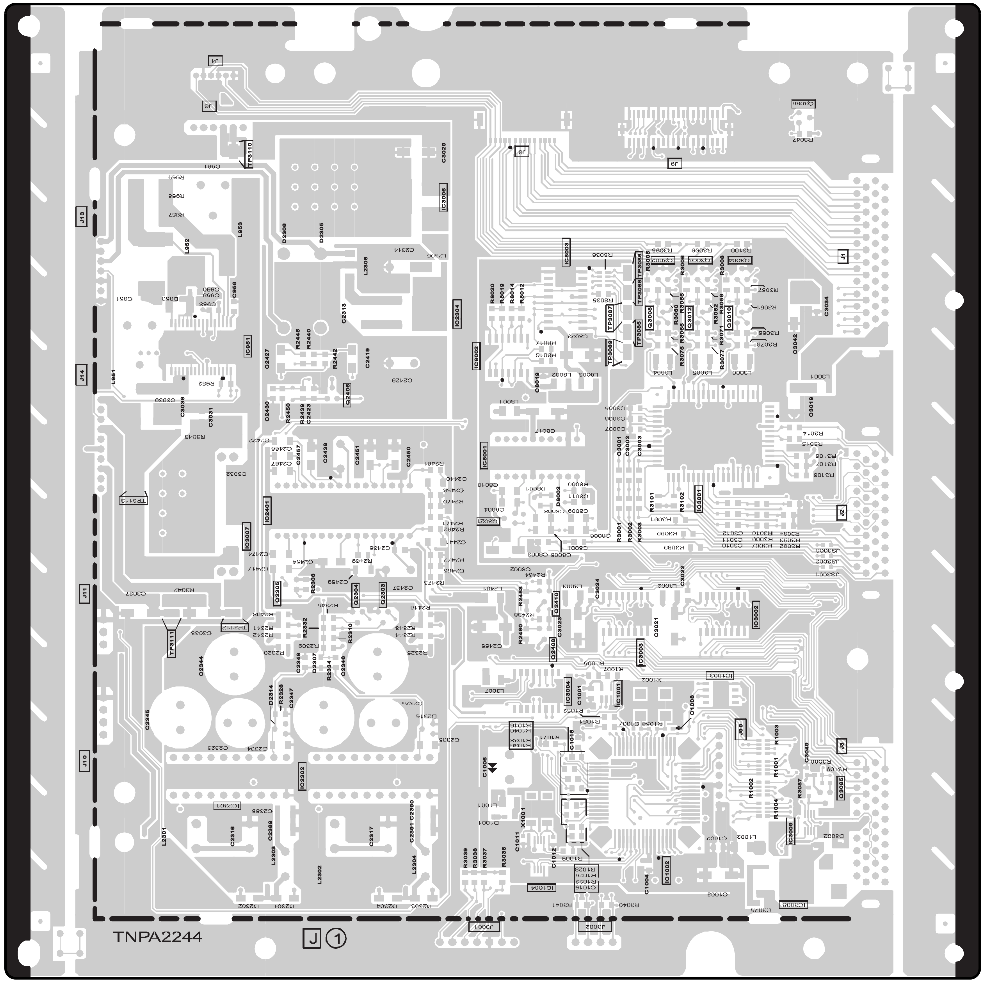
J1
J2
J3
J4
J5
J10
J11
J13
J14
J3001
J3002
TNPA2244
J
①
SEE REVERSE FOR ORDER NO.

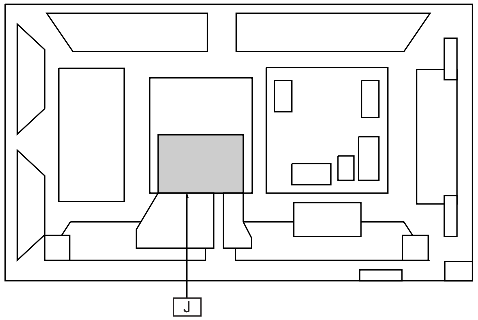


Parts Location

J-BOARD (FOIL SIDE)			
IC		TRANSISTOR	
IC2301	E-2	Q951	E-4
IC2302	E-2	Q1001	C-2
IC2401	E-3	Q1002	C-2
IC8001	D-4	Q1003	C-2
		Q1004	C-2
		Q1005	C-2
		Q2301	E-3
		Q2302	D-3
		Q2306	D-3
		Q3001	C-5
		Q3003	B-5
		Q3005	C-5
		Q3007	C-4
		Q3009	B-2
		Q3011	C-4

J-BOARD(COMPONENT SIDE)
TNPA2244



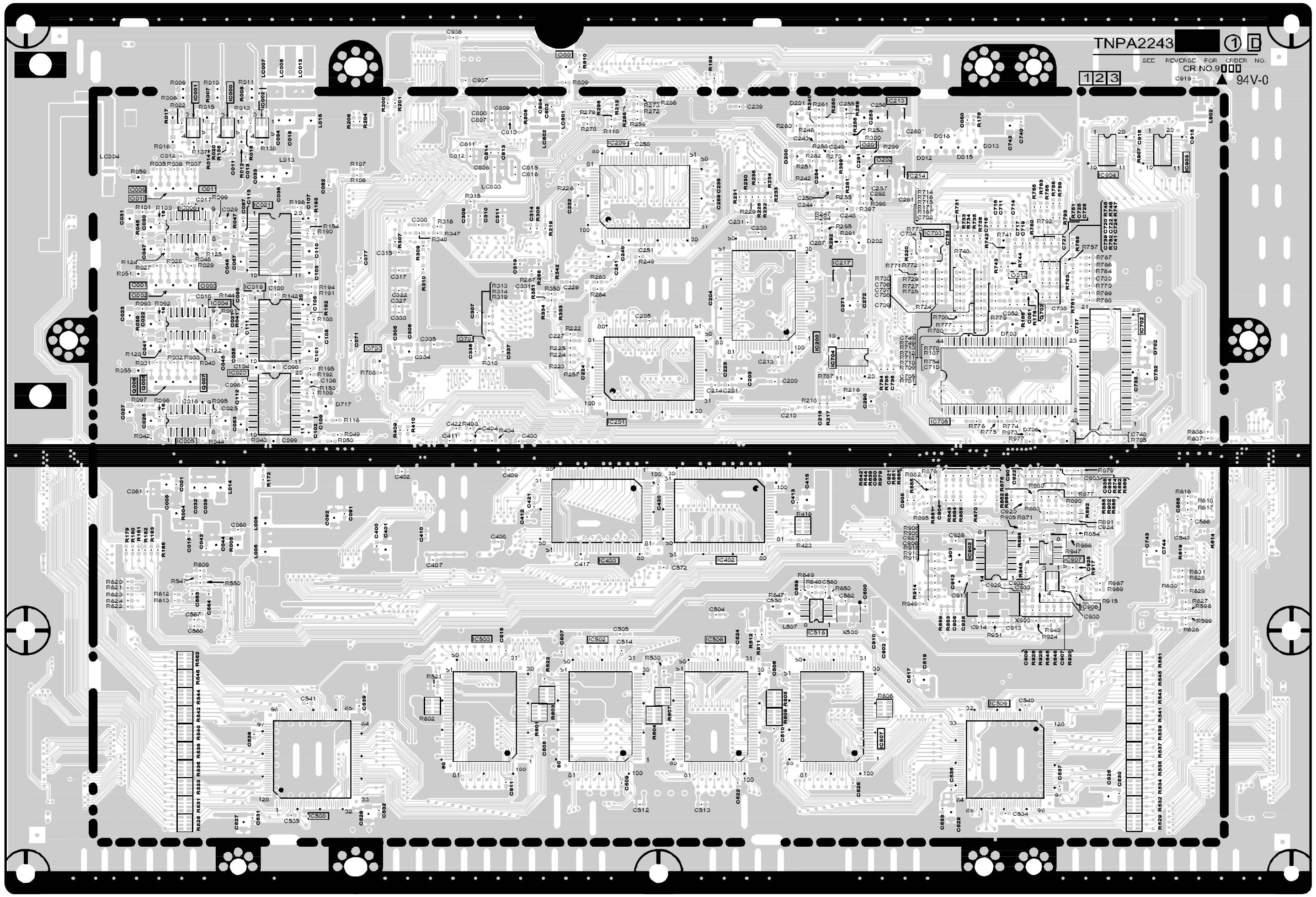


Parts Location

J-BOARD (COMPONENT SIDE)					
IC		TRANSISTOR		TP	
IC951	B-4	Q2303	C-3	TP3085	D-4
IC1001	D-2	Q2304	C-3	TP3086	D-5
IC1002	E-1	Q2305	C-3	TP3087	D-4
IC1003	E-3	Q2406	C-4	TP3088	D-4
IC1004	D-1	Q2408	D-3	TP3089	D-4
IC2301	B-2	Q2410	D-3	TP3110	B-5
IC2302	C-2	Q3002	E-5	TP3111	B-3
IC2304	C-4	Q3004	E-5	TP3112	B-3
IC2401	C-3	Q3006	E-5	TP3113	B-3
IC3001	E-3	Q3008	E-4		
IC3002	E-3	Q3010	E-4		
IC3003	D-3	Q3012	E-4		
IC3004	D-2	Q3085	E-2		
IC3006	C-5	Q3086	E-5		
IC3007	B-3	Q8021	D-3		
IC3008	E-1				
IC3009	E-2				
IC8001	D-4				
IC8002	D-4				
IC8003	D-5				

12.10. D-Board

D-BOARD(FOIL SIDE)
TZTNP01JCSE (PW4 SERIES)
TZTNP01JASE (PW4D SERIES)


TNPA2243
①
D
SEE REVERSE FOR ORDER NO.
CR NO.9
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94V-0
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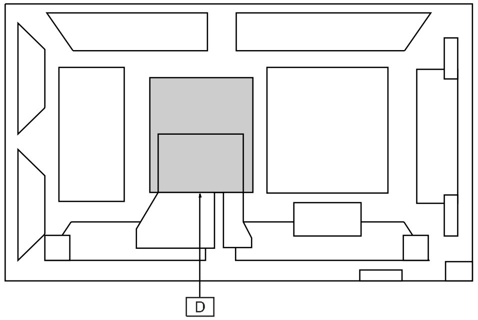


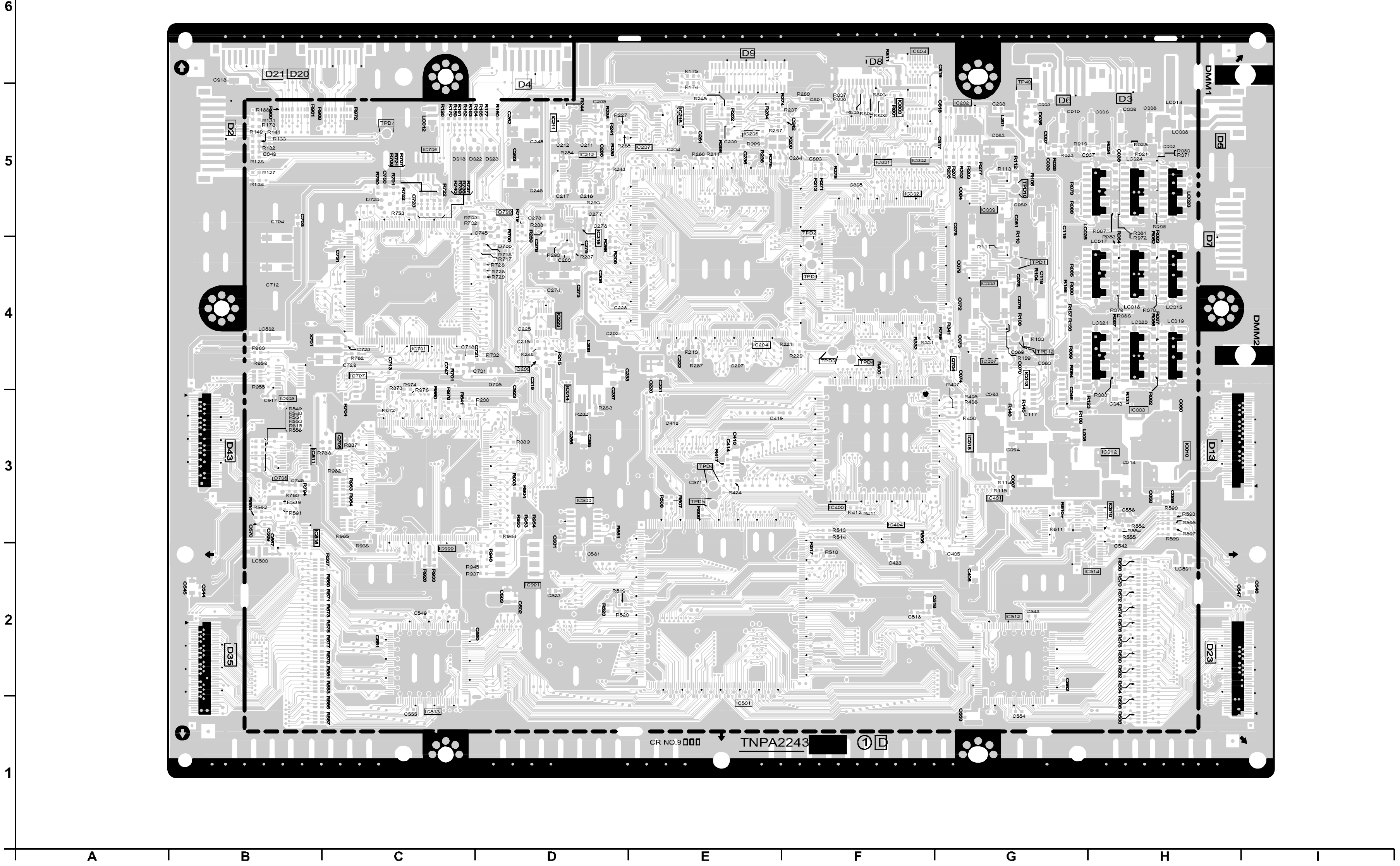
Parts Location

D-BOARD (FOIL SIDE)			
IC		**TRANSISTOR**	
IC9000	C-5	Q9001	B-4
IC9001	C-5	Q9002	B-4
IC9002	C-5	Q9003	C-4
IC9004	C-4	Q9005	B-4
IC9005	B-3	Q9006	B-4
IC9019	C-4	Q9007	C-4
IC9020	C-4	Q9009	B-5
IC9021	C-5	Q9010	B-5
IC9200	F-4	Q9011	C-5
IC9201	E-4	Q9013	G-4
IC9209	E-5	Q9201	F-5
IC9213	F-5	Q9202	F-5
IC9214	F-5	Q9701	D-4
IC9217	F-5	Q9702	G-4
IC9402	E-3	Q9703	D-4
IC9403	E-3	Q9801	E-6
IC9502	E-2		
IC9503	D-2		
IC9506	E-2		
IC9507	F-2		
IC9508	C-1		
IC9509	G-2		
IC9516	F-2		
IC9702	G-4		
IC9703	G-5		
IC9704	F-4		
IC9705	G-4		
IC9902	G-3		
IC9903	G-5		
IC9904	G-5		
IC9907	G-3		

Parts Location

D-BOARD (COMPONENT SIDE)			
IC		IC9706	C-5
IC9003	H-3	IC9707	C-4
IC9007	G-4	IC9801	F-5
IC9008	G-4	IC9802	F-5
IC9009	G-5	IC9803	F-5
IC9010	H-3	IC9804	F-6
IC9012	H-3	IC9812	G-2
IC9013	G-4	IC9900	C-2
IC9013	G-4	IC9901	D-2
IC9014	D-3	IC9905	B-3
IC9018	G-3	**TRANSISTOR**	
IC9202	G-5		
IC9204	E-4	Q9200	D-4
IC9206	E-5	Q9700	D-5
IC9207	E-5	Q9704	G-4
IC9211	D-5	Q9705	C-3
IC9212	D-5	Q9706	B-3
IC9215	D-4	**TP**	
IC9216	E-5		
IC9223	D-4	TP40	G-5
IC9302	F-5	TPD1	F-4
IC9400	F-3	TPD2	F-5
IC9401	G-3	TPD3	F-4
IC9404	F-3	TPD4	F-4
IC9501	E-1	TPD5	E-3
IC9510	H-3	TPD6	E-3
IC9511	B-3	TPD7	C-5
IC9513	C-1	TPD10	G-5
IC9515	B-3	TPD11	G-4
IC9600	D-3	TPD12	G-4
IC9614	G-2		
IC9701	C-4		

D-BOARD(COMPONENT SIDE)
TZTNP01JCSE (PW4 SERIES)
TZTNP01JASE (PW4D SERIES)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H
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D21
D20
D4
D9
D8
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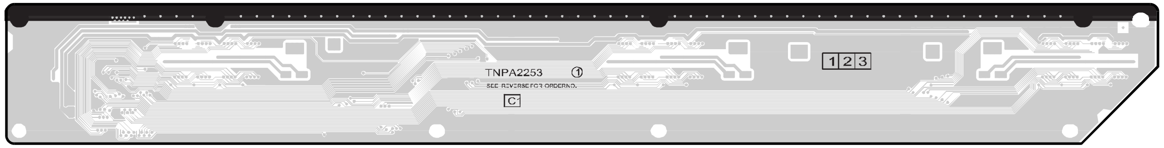
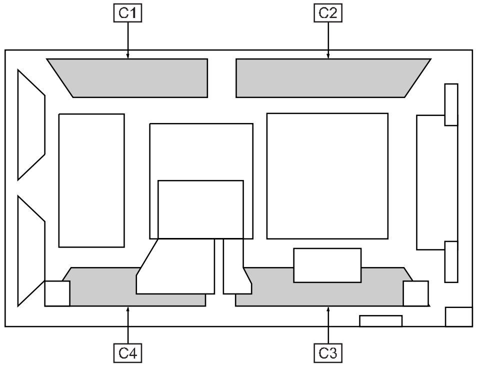
D43
D35
D13
D23
DMM1
DMM2
CR NO.9
TNPA2243
① D

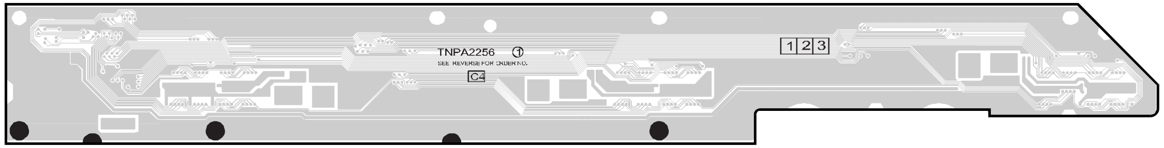
12.11. C1, C2, C3 and C4-Board

C1-BOARD(FOIL SIDE)
TNPA2253

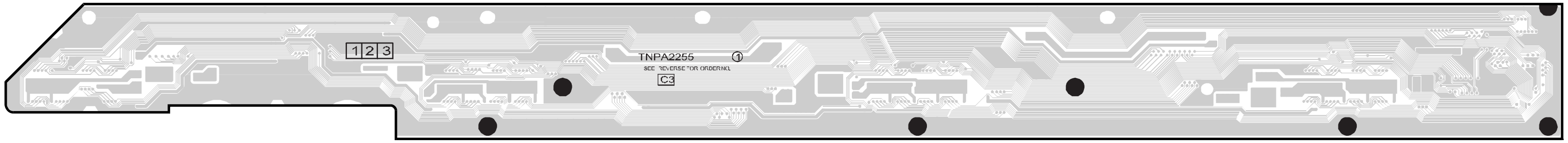

1 2 3
TNPA2253 ①
SEE REVERSE FOR ORDER NO.
C1



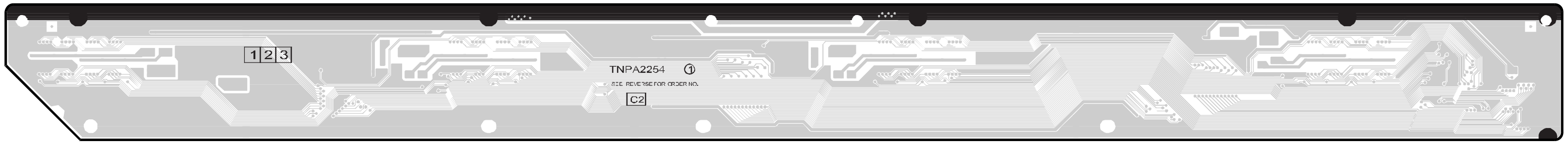
C4-BOARD(FOIL SIDE)
TNPA2256


1 2 3
TNPA2256 ①
SEE REVERSE FOR ORDER NO.
C4

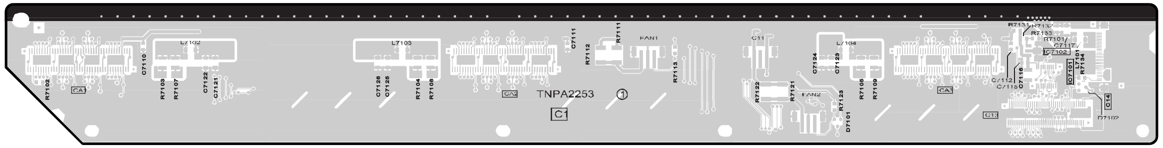
C3-BOARD(FOIL SIDE)
TNPA2255

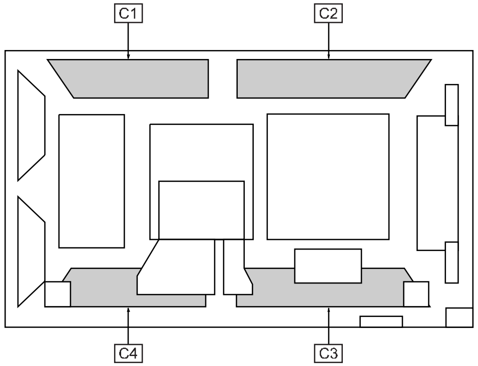

1 2 3
TNPA2255 ①
SEE REVERSE FOR ORDER NO.
C3

C2-BOARD(FOIL SIDE)
TNPA2254

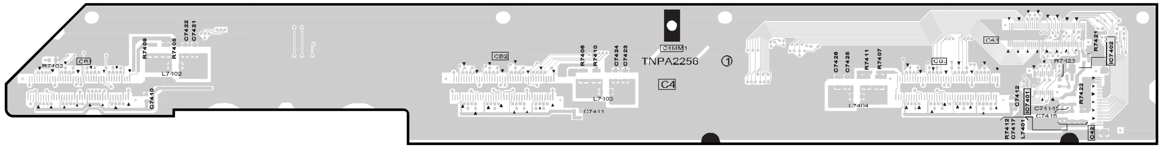

1 2 3
TNPA2254 ①
SEE REVERSE FOR ORDER NO.
C2
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I

C1-BOARD(COMPONENT SIDE)
TNPA2253

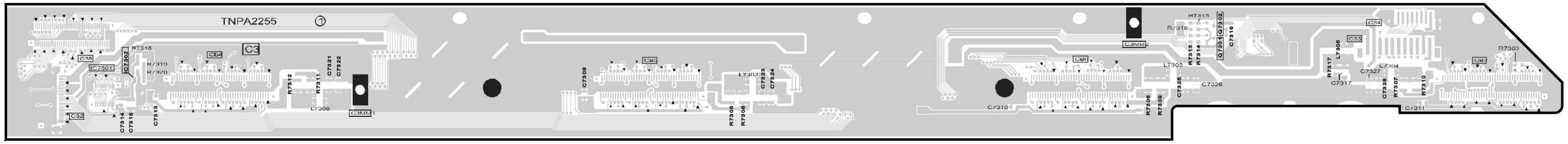

TNPA2253 ①
C1
FAN1
FAN2
L7102
L7103
L7104



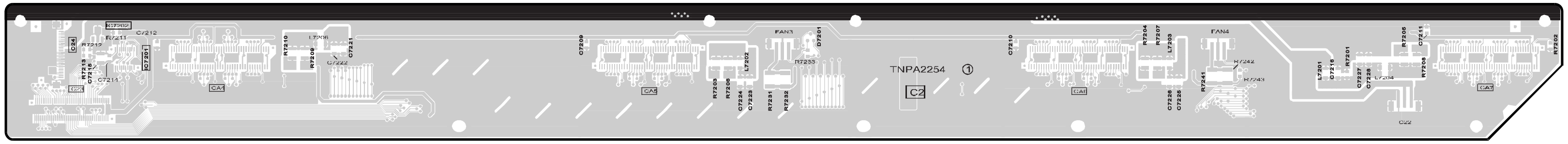
C4-BOARD(COMPONENT SIDE)
TNPA2256


TNPA2256 ①
C4
L7102
L7103
L7404

C3-BOARD(COMPONENT SIDE)
TNPA2255


TNPA2255 ①
C3
L7306
L7303
L7304

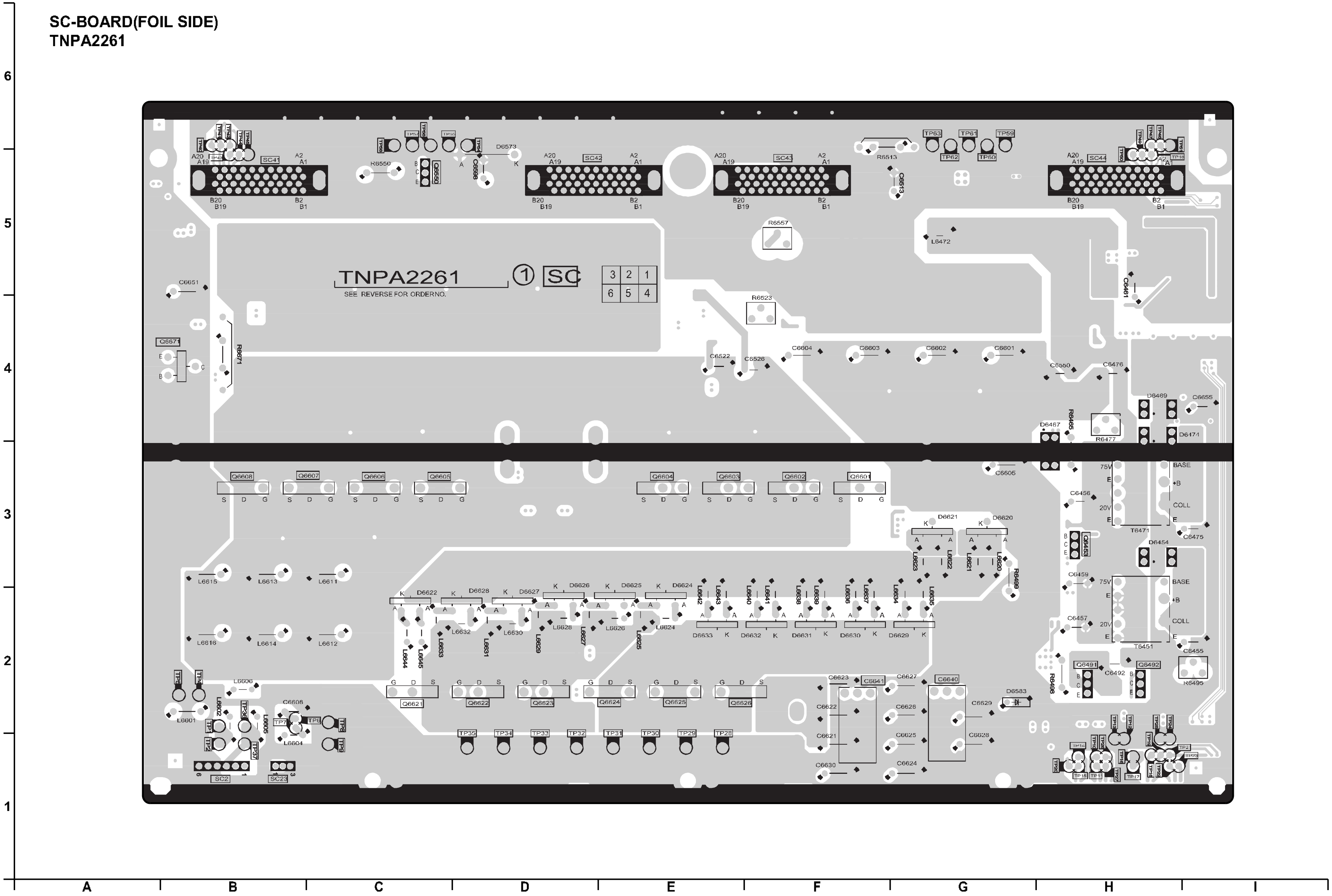
C2-BOARD(COMPONENT SIDE)
TNPA2254

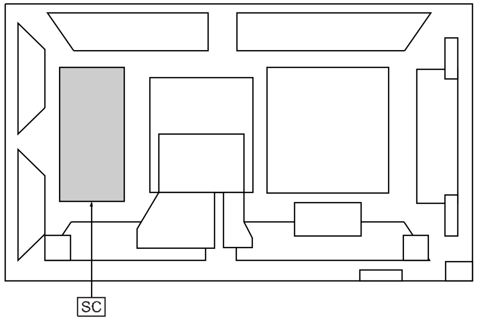

TNPA2254 ①
C2
FAN3
FAN4
L7206
L7202
L7203
L7201
L7204
C22

6
5
4
3
2
1

A B C D E F G H I

12.12. SC-Board


SC-BOARD(FOIL SIDE)
TNPA2261
TNPA2261 ① SC
SEE REVERSE FOR ORDERNO.
3 2 1
6 5 4
SC41
SC42
SC43
SC44
SC2
SC23
A20 A19 A2 A1
B20 B19 B2 B1
R6550
Q6550
D6573
C6598
R6513
C6513
TP63 TP61 TP59
TP62 TP60
R6557
L6472
R6523
C6651
Q6671
R6671
C6522
C6526
C6604
C6603
C6602
C6601
C6550
C6476
R6465
D6467
R6477
D6469
C6655
D6471
C6605
Q6608 Q6607 Q6606 Q6605 Q6604 Q6603 Q6602 Q6601
S D G
D6621 D6620
L6623 L6622 L6621 L6620
R6499
L6615 L6613 L6611
L6616 L6614 L6612
D6622 D6628 D6627 D6626 D6625 D6624
L6642 L6643 L6640 L6641 L6638 L6639 L6636 L6637 L6634 L6635
L6632 L6630 L6628 L6626 L6624
L6644 L6645 L6633 L6631 L6629 L6627 L6625
D6633 D6632 D6631 D6630 D6629
K A
Q6621 Q6622 Q6623 Q6624 Q6625 Q6626
G D S
TP35 TP34 TP33 TP32 TP31 TP30 TP29 TP28
L6606
L6602
L6605
C6606
L6601
L6604
C6623 C6641 C6627 C6640
C6622 C6626 C6629
C6621 C6625 C6628
C6630 C6624
D6583
75V E 20V E
BASE +B COLL E
T6471
T6451
C6456
Q6453
D6454
C6475
C6459
C6457
C6455
Q6491 Q6492
C6492
R6495
R6498
C6461
6 5 4 3 2 1
A B C D E F G H I



Parts Location

SC-BOARD (FOIL SIDE)

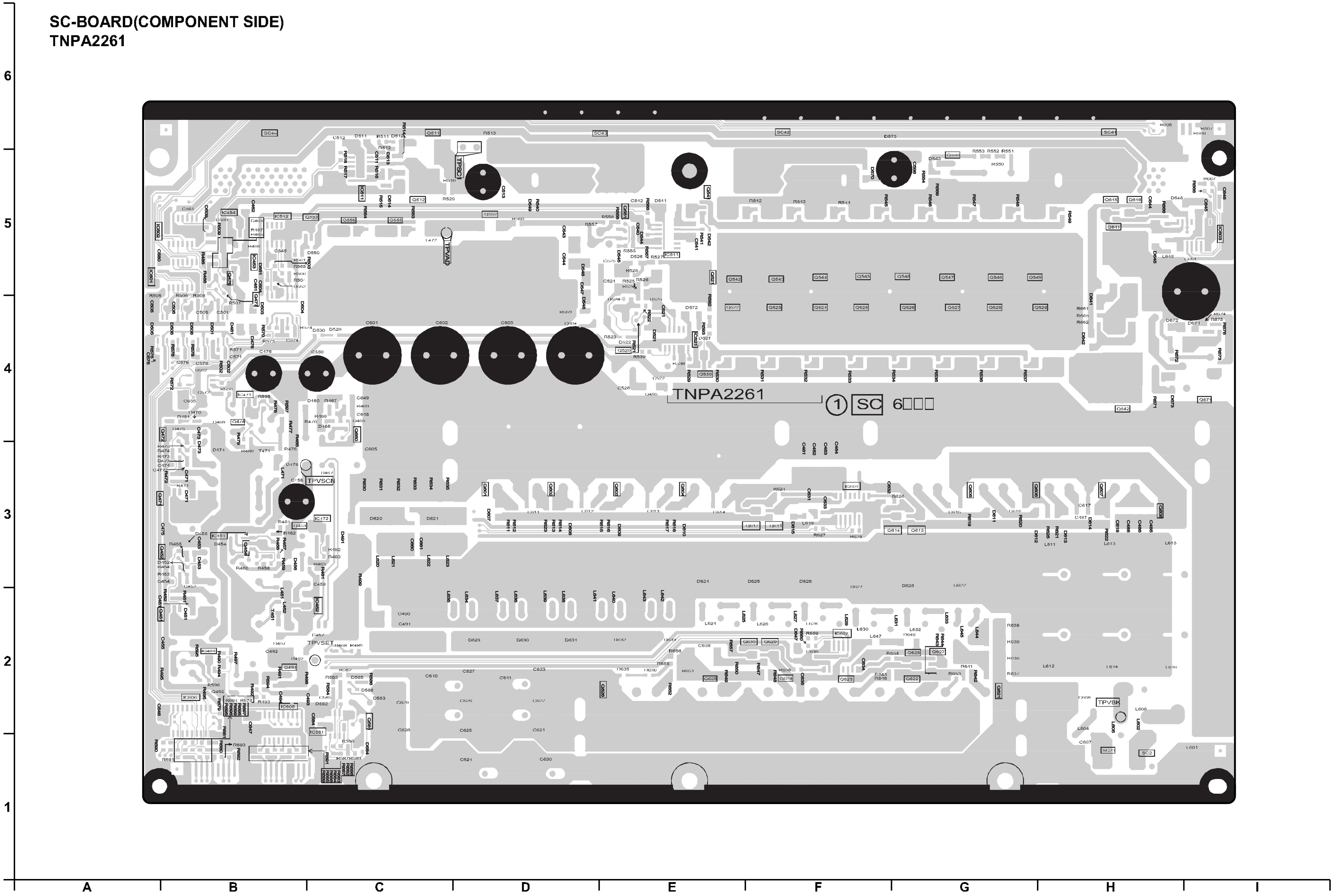
TRANSISTOR		TP			
				TP31	E-1
Q6453	H-3	TP1	B-2	TP32	D-1
Q6491	H-2	TP2	B-1	TP33	D-1
Q6492	H-2	TP4	B-2	TP34	D-1
Q6550	C-5	TP5	B-2	TP35	D-1
Q6601	F-2	TP6	B-2	TP36	B-2
Q6602	F-2	TP7	B-2	TP37	B-1
Q6603	E-3	TP8	C-2	TP40	B-6
Q6604	E-3	TP9	C-1	TP41	B-6
Q6605	C-3	TP10	H-1	TP42	B-6
Q6606	C-3	TP11	H-1	TP43	B-5
Q6607	B-3	TP12	H-2	TP44	B-5
Q6608	B-3	TP13	H-2	TP45	B-5
Q6621	C-2	TP14	H-1	TP46	H-6
Q6622	D-2	TP15	H-1	TP47	H-6
Q6623	D-2	TP16	H-1	TP48	H-5
Q6624	E-2	TP17	H-1	TP49	H-5
Q6625	E-2	TP18	H-1	TP50	H-5
Q6626	E-2	TP19	H-1	TP51	H-6
Q6671	B-4	TP20	H-1	TP54	D-6
		TP21	H-1	TP55	C-6
		TP22	H-1	TP56	C-6
		TP23	H-1	TP57	C-6
		TP24	H-2	TP58	C-6
		TP25	H-2	TP59	G-6
		TP26	H-1	TP60	G-5
		TP27	H-1	TP61	G-6
		TP28	E-1	TP62	G-5
		TP29	E-1	TP63	G-6
		TP30	E-1		

Parts Location

SC-BOARD (COMPONENT SIDE)

IC					
		Q6512	C-5	Q6605	G-3
IC6451	B-3	Q6520	E-4	Q6606	H-3
IC6452	C-2	Q6521	E-5	Q6607	H-3
IC6453	B-5	Q6522	E-4	Q6608	H-3
IC6464	B-5	Q6523	F-4	Q6611	F-3
IC6471	B-4	Q6524	F-4	Q6612	F-3
IC6472	C-3	Q6525	F-4	Q6613	G-3
IC6491	B-2	Q6526	G-4	Q6614	F-3
IC6501	B-5	Q6527	G-4	Q6621	G-2
IC6502	B-5	Q6528	G-4	Q6622	G-2
IC6511	C-5	Q6529	H-4	Q6623	F-2
IC6521	E-4	Q6530	E-4	Q6624	F-2
IC6541	E-5	Q6541	E-5	Q6625	E-2
IC6542	B-5	Q6542	E-5	Q6626	E-2
IC6581	C-2	Q6543	F-5	Q6627	G-2
IC6601	F-3	Q6544	F-5	Q6628	G-2
IC6602	F-2	Q6545	F-5	Q6629	F-2
IC6603	I-5	Q6546	G-5	Q6630	F-2
IC6605	B-2	Q6547	G-5	Q6641	H-5
IC6606	B-2	Q6548	G-5	Q6642	H-4
		Q6549	H-5	Q6645	H-5
TRANSISTOR		Q6550	G-5	Q6646	H-5
Q6451	B-2	Q6551	E-5	Q6650	C-4
Q6452	B-3	Q6552	D-5	Q6671	I-4
Q6453	B-3	Q6553	C-5		
Q6454	B-3	Q6555	C-5	**TP**	
Q6471	B-4	Q6556	C-5	TPSC	D-6
Q6472	B-4	Q6581	C-2	TPVAD	C-5
Q6474	B-4	Q6601	D-3	TPVBK	H-2
Q6476	B-5	Q6602	D-3	TPVSCN	C-3
Q6491	B-2	Q6603	E-3		
Q6511	C-6	Q6604	E-3		

SC-BOARD(COMPONENT SIDE)
TNPA2261


6
5
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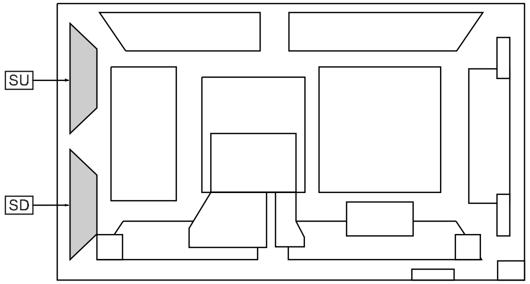
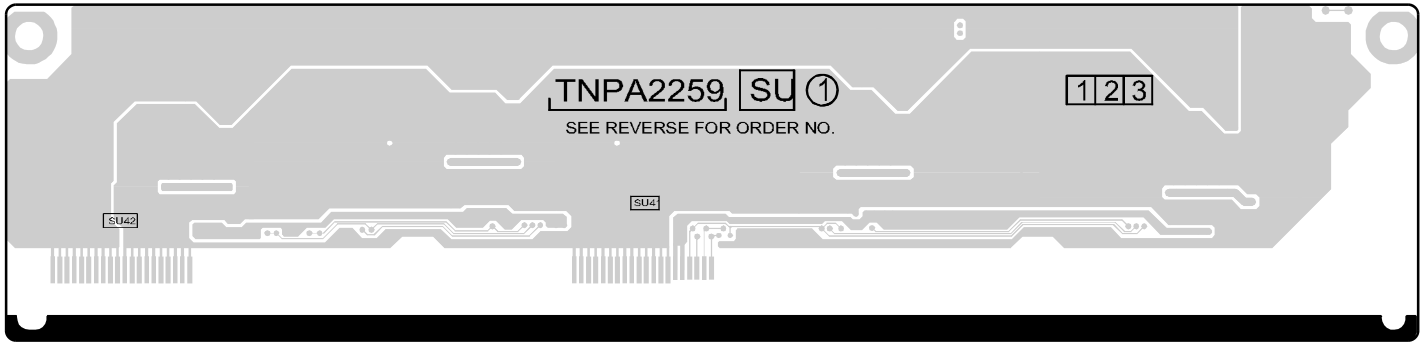
1
A
B
C
D
E
F
G
H
I
TNPA2261
① SC
TPSC
TPVAD
TPVSCN
TPVSET
TPVSK

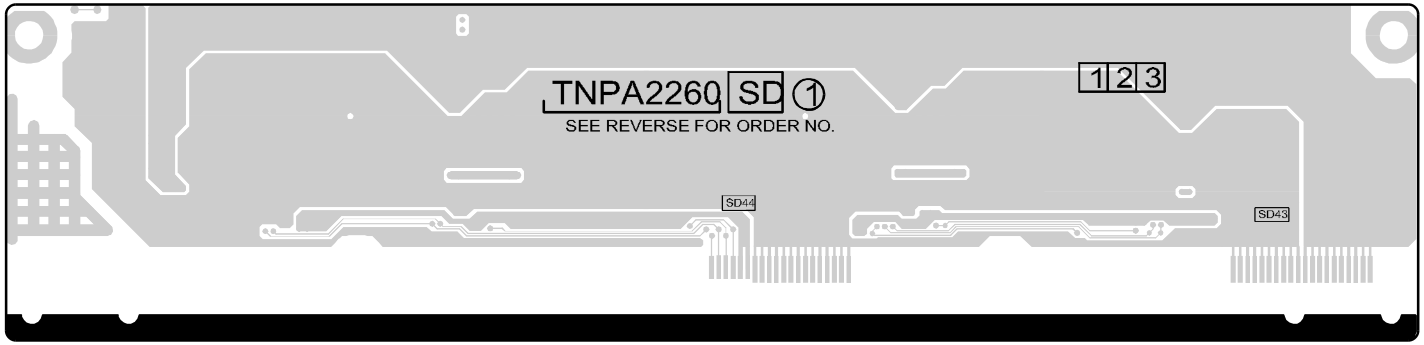
12.13. SU and SD-Board

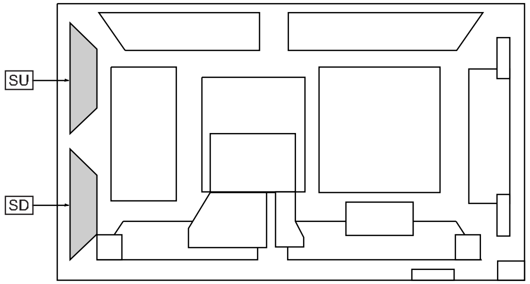


SU-BOARD(FOIL SIDE)
TNPA2259

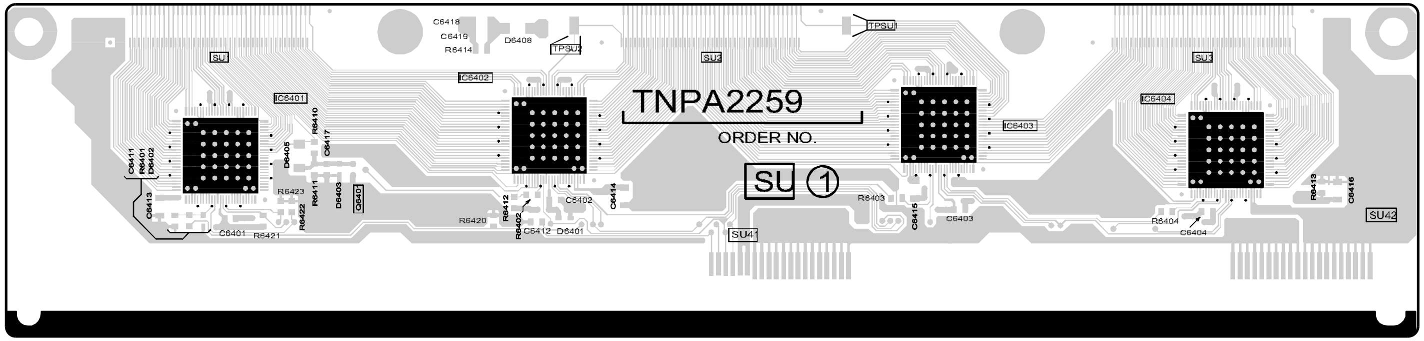

TNPA2259 SU ①
SEE REVERSE FOR ORDER NO.
1 2 3
SU41
SU42

SD-BOARD(FOIL SIDE)
TNPA2260

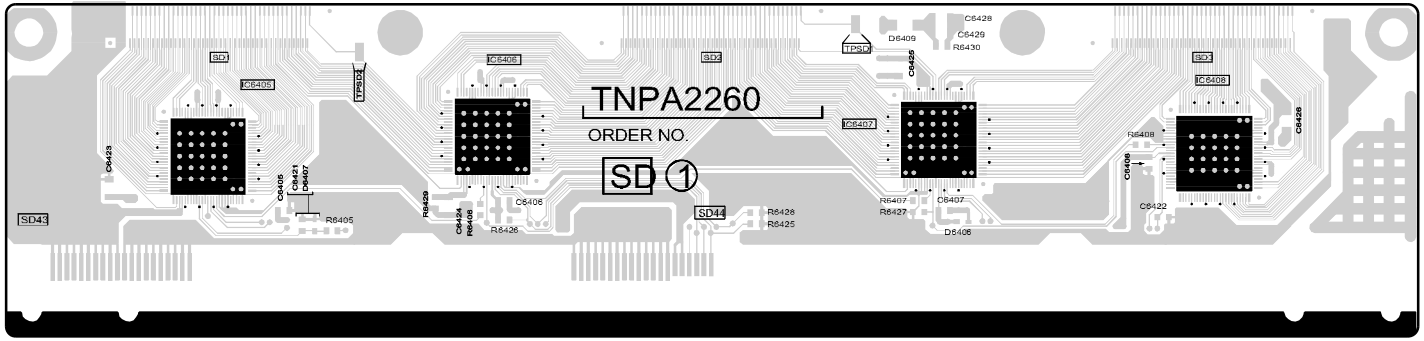

TNPA2260 SD ①
SEE REVERSE FOR ORDER NO.
1 2 3
SD44
SD43
6
5
4
3
2
1
A
B
C
D
E
F
G
H
I



SU-BOARD(COMPONENT SIDE)
TNPA2259


C6418
C6419
R6414
D6408
TPSU2
TPSU1
SU1
SU2
SU3
IC6402
IC6401
IC6403
IC6404
TNPA2259
ORDER NO.
SU ①
C6411
R6401
D6402
D6405
R6410
C6417
C6413
R6423
R6422
R6411
D6403
Q6401
C6401
R6421
R6420
R6412
R6402
C6412
D6401
C6402
C6414
SU41
R6403
C6415
C6403
R6404
C6404
R6413
C6416
SU42

SD-BOARD(COMPONENT SIDE)
TNPA2260


SD1
SD2
SD3
IC6405
IC6406
IC6407
IC6408
TPSD2
TPSD1
C6428
D6409
C6429
R6430
C6425
TNPA2260
ORDER NO.
SD ①
C6423
C6405
C6421
D6407
R6405
SD43
R6429
C6424
R6406
R6426
C6406
SD44
R6428
R6425
R6407
R6427
C6407
D6406
R6408
C6408
C6426
C6422

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3
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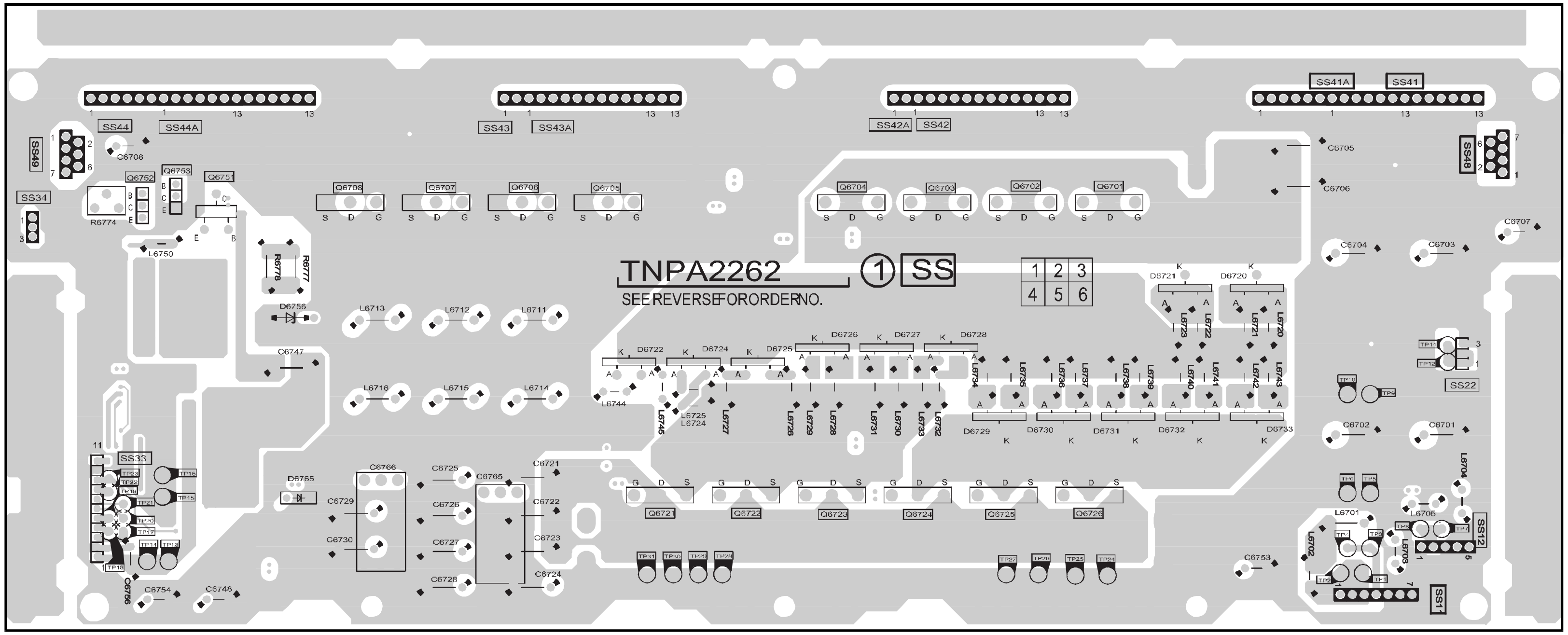
1

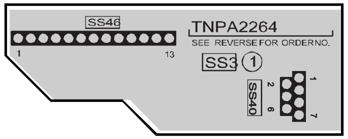
A B C D E F G H I

12.14. SS, SS2 and SS3-Board

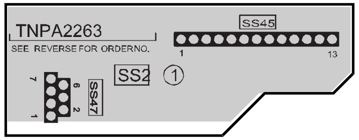
SS-BOARD(FOIL SIDE)
TNPA2262

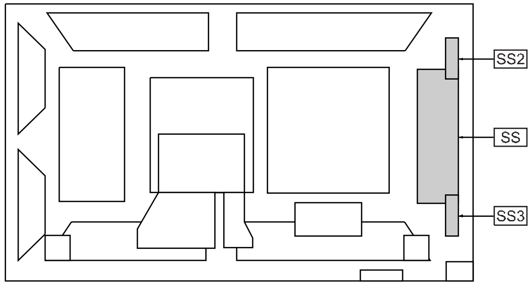

TNPA2262
① SS
SEE REVERSE FOR ORDER NO.
1 2 3
4 5 6
SS41A
SS41
SS44
SS44A
SS43
SS43A
SS42A
SS42
SS49
SS48
SS34
SS33
SS22
SS12
SS1
C6708
Q6752
Q6753
Q6751
R6774
L6750
R6778
R6777
D6756
C6747
Q6708
Q6707
Q6706
Q6705
Q6704
Q6703
Q6702
Q6701
C6705
C6706
C6707
C6704
C6703
C6702
C6701
D6721
D6720
L6713
L6712
L6711
L6716
L6715
L6714
D6722
D6724
D6725
D6726
D6727
D6728
L6744
L6745
L6725
L6724
L6727
D6729
D6730
D6731
D6732
D6733
C6766
C6725
C6765
C6721
C6729
C6726
C6722
C6730
C6727
C6723
C6728
C6724
D6765
Q6721
Q6722
Q6723
Q6724
Q6725
Q6726
C6754
C6748
C6756
C6753
L6701
L6702
L6703
L6704
L6706

SS3-BOARD(FOIL SIDE)
TNPA2264


SS46
TNPA2264
SEE REVERSE FOR ORDER NO.
SS3 ①
SS40
1
13

SS2-BOARD(FOIL SIDE)
TNPA2263


TNPA2263
SEE REVERSE FOR ORDER NO.
SS45
SS2 ①
SS47
1
13



Parts Location

SS-BOARD (FOIL SIDE)

TRANSISTOR	
Q6701	G-5
Q6702	F-5
Q6703	F-5
Q6704	F-5
Q6705	D-5
Q6706	D-5
Q6707	C-5
Q6708	C-5
Q6721	D-3
Q6722	E-3
Q6723	E-3
Q6724	F-3
Q6725	F-3
Q6726	G-3
Q6751	B-5
Q6752	B-5
Q6753	B-5

TP	
TP1	H-3
TP2	H-3
TP3	H-3
TP4	H-3
TP5	H-3
TP6	H-3
TP7	I-3
TP8	H-3
TP9	H-4
TP10	H-4
TP11	I-4
TP12	I-4
TP13	B-2
TP14	B-2
TP15	B-2
TP16	B-2
TP17	B-2
TP18	B-2
TP19	B-2
TP20	B-2
TP22	B-2
TP23	B-2
TP24	G-3
TP25	G-3
TP26	F-3
TP27	F-3
TP28	E-3
TP29	E-3
TP30	E-3
TP31	D-3

Parts Location

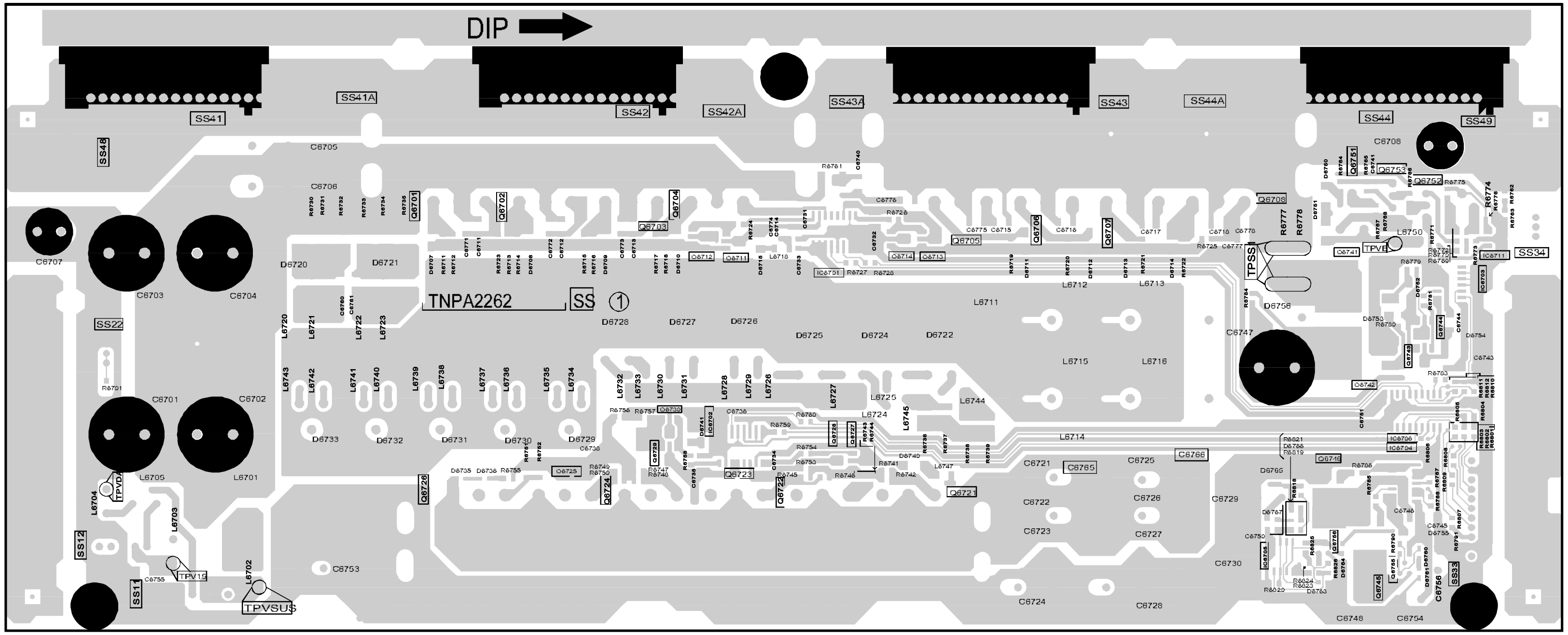
SS-BOARD (COMPONENT SIDE)

IC	
IC6704	H-3
IC6705	H-3
IC6706	H-4
IC6755	H-3

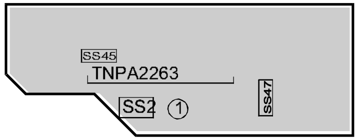
TRANSISTOR	
Q6701	C-5
Q6702	D-5
Q6703	D-5
Q6704	D-5
Q6705	F-5
Q6706	F-5
Q6707	G-5
Q6708	H-5
Q6713	F-5
Q6714	F-5
Q6721	F-3
Q6722	E-3
Q6723	E-3
Q6724	D-3
Q6725	D-3
Q6726	C-3
Q6729	D-3
Q6730	D-4
Q6741	H-5
Q6742	H-4
Q6743	H-4
Q6745	H-3
Q6746	H-3
Q6751	H-5
Q6752	H-2
Q6753	H-5
Q6756	H-3

TP	
TPSS	H-4
TPV15	B-3
TPVDA	B-3
TPVE	H-5
TPVSUS	B-3

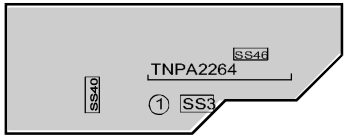
SS-BOARD(COMPONENT SIDE)
TNPA2262


DIP
SS41
SS41A
SS42
SS42A
SS43A
SS43
SS44A
SS44
SS49
SS48
SS34
SS22
SS12
SS11
SS33
TNPA2262
SS ①
C6703
C6704
C6701
C6702
C6707
C6747
TPVSUS
TPV15
TPVD
TPSS
L6711
L6714
L6715
L6716
D6720
D6721
D6722
D6724
D6725
D6726
D6727
D6728
C6721
C6722
C6723
C6724
C6725
C6726
C6727
C6728
C6729
C6730
C6753
C6748
C6754
L6701
L6705

SS2-BOARD(COMPONENT SIDE)
TNPA2263


SS45
TNPA2263
SS2 ①
SS47

SS3-BOARD(COMPONENT SIDE)
TNPA2264


SS46
TNPA2264
SS40
① SS3

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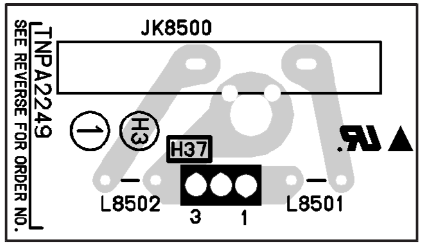
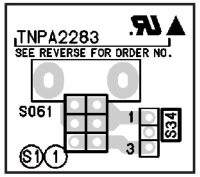
A B C D E F G H I

12.15. H3, S1 and V1-Board

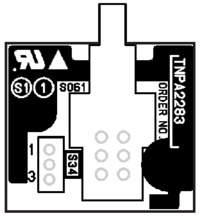
H3-BOARD
TNPA2249

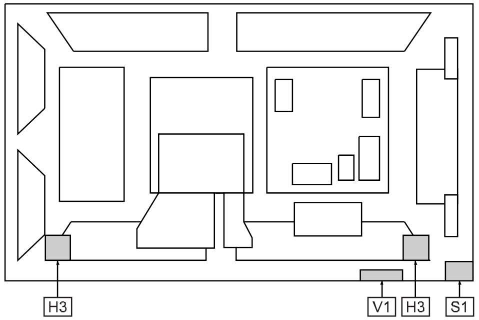

JK8500
TNPA2249
SEE REVERSE FOR ORDER NO.
① H3
H37
L8502
3
1
L8501

S1-BOARD(FOIL SIDE)
TNPA2283

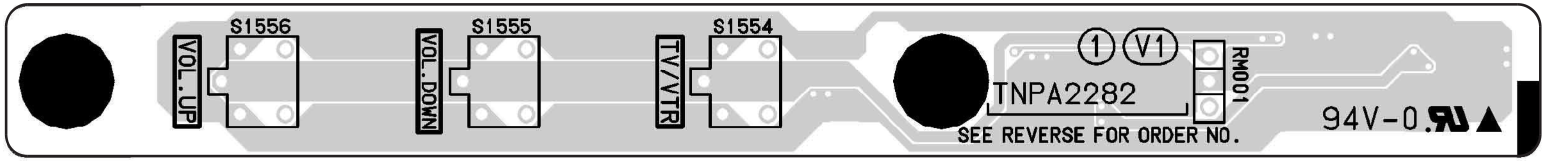

TNPA2283
SEE REVERSE FOR ORDER NO.
S061
1
3
S34
S1 ①

S1-BOARD(COMPONENT SIDE)
TNPA2283

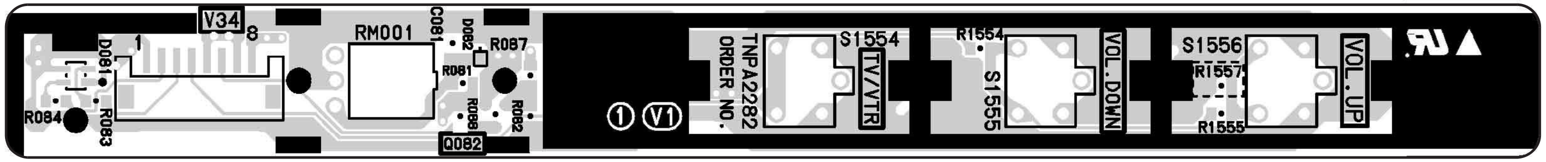

S1 ①
S061
TNPA2283
ORDER NO.
1
3
S34



V1-BOARD(FOIL SIDE)
TNPA2282


S1556
VOL.UP
S1555
VOL.DOWN
S1554
TV/VTR
① V1
RM001
TNPA2282
SEE REVERSE FOR ORDER NO.
94V-0

V1-BOARD(COMPONENT SIDE)
TNPA2282


V34
1
8
D081
R084
R083
RM001
C081
D082
R087
R081
R088
R082
Q082
① V1
TNPA2282
ORDER NO.
S1554
TV/VTR
R1554
S1555
VOL.DOWN
S1556
R1557
R1555
VOL.UP

13 Block and Schematic Diagrams

13.1. Schematic Diagram Notes

Important Safety Notice

Components identified by △ mark have special characteristics important for safety.
When replacing any of these components, use only manufacture's specified parts.

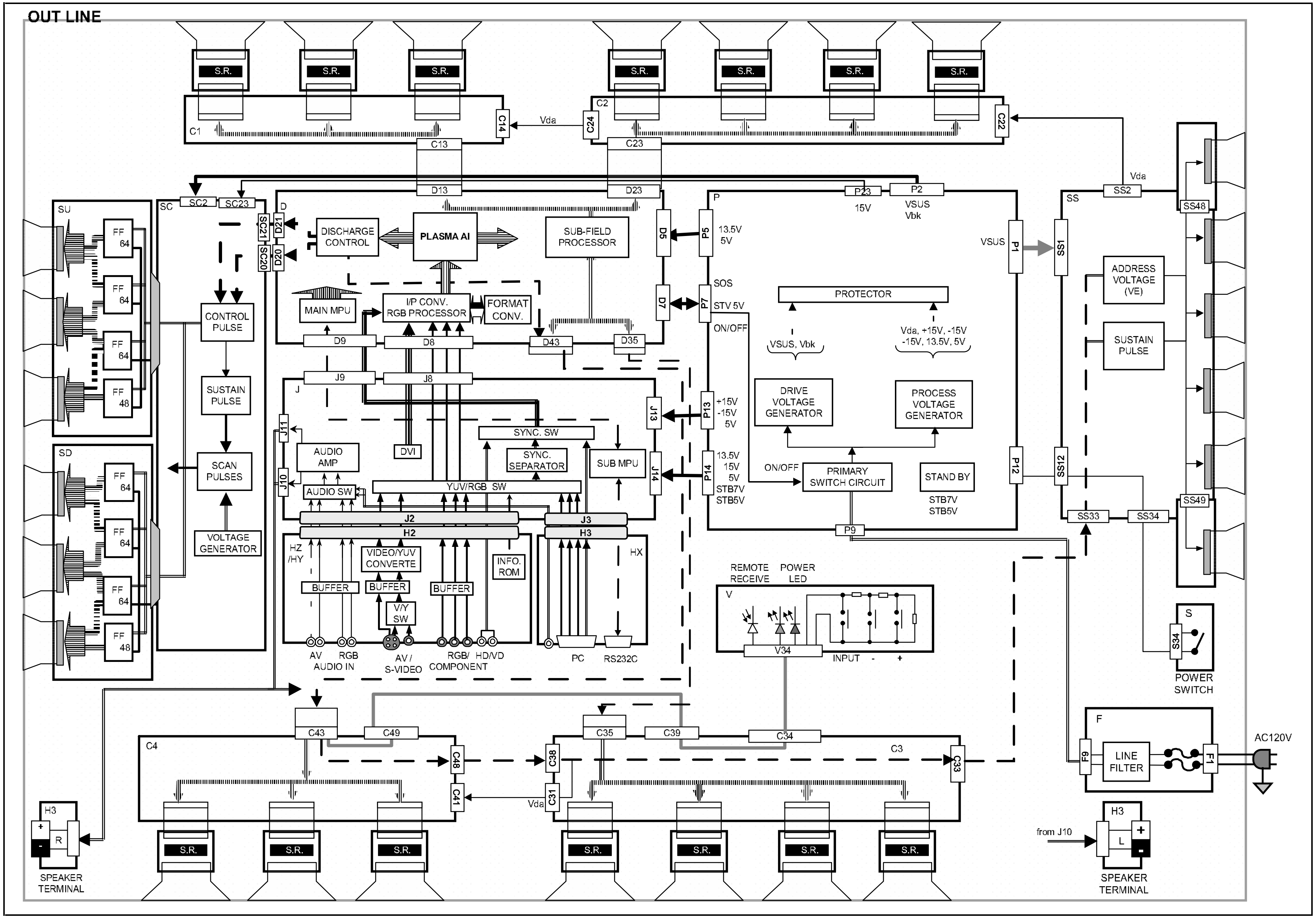
Notes:

1. **Resistor**
   All resistors are cabon 1/4W resistor, unless marked as follows:
   Unit of resistance is OHM [W] (K=1,000, M=1,000,000).
   ○ : Nonflammable
   △ : Solid
   ◪ : Wire Wound
   ☒ : Metal Oxide
   ◎ : Metal Film
   ⊗ : Fuse:
2. **Capacitor**
   All capacitors are ceramic 50V capacitor, unless marked as follows:
   Unit of capacitance is mF, unless otherwise noted.
   ⊗ : Temperature Compensation
   Ⓜ : Polyester
   ⓜ : Metalized Polyester
   ☒ : Polypropylene
   +⊣⊢ : Electrolytic
   NP⊣⊢ : Bipolar
   Ⓣ : Dipped Tantalum
   Ⓩ : Z-Type
3. Coil
   Unit of inductance is mF, unless otherwise noted.
4. Test Point
   ⚲ : Test Point position
5. Earth Symbol
   ⏚ : Chassis Earth (Cold)
   ⏚ : Line Earth (Hot)
6. Voltage Measurement
   Voltage is measured by a DC voltmeter.
   Conditions of the measurement are the following:
   Power Source .... AC 120V, 50/60Hz (US model)/AC220-240V, 50/60Hz (Except US)
   Receiving Signal .... Colour Bar signal (RF)
   All customer's controls .... Maximum positions
7. Number in red circle indicates waveform nember.
   (See waveform pattern table.)
8. When arrow mark (↗) is found, connection is easily found from the direction of arrow
9. Indicates the major signal flow. : Video ➡ Audio ⇨
10. This schematic diagram is the latest at the time of printing and subject to change without notice.

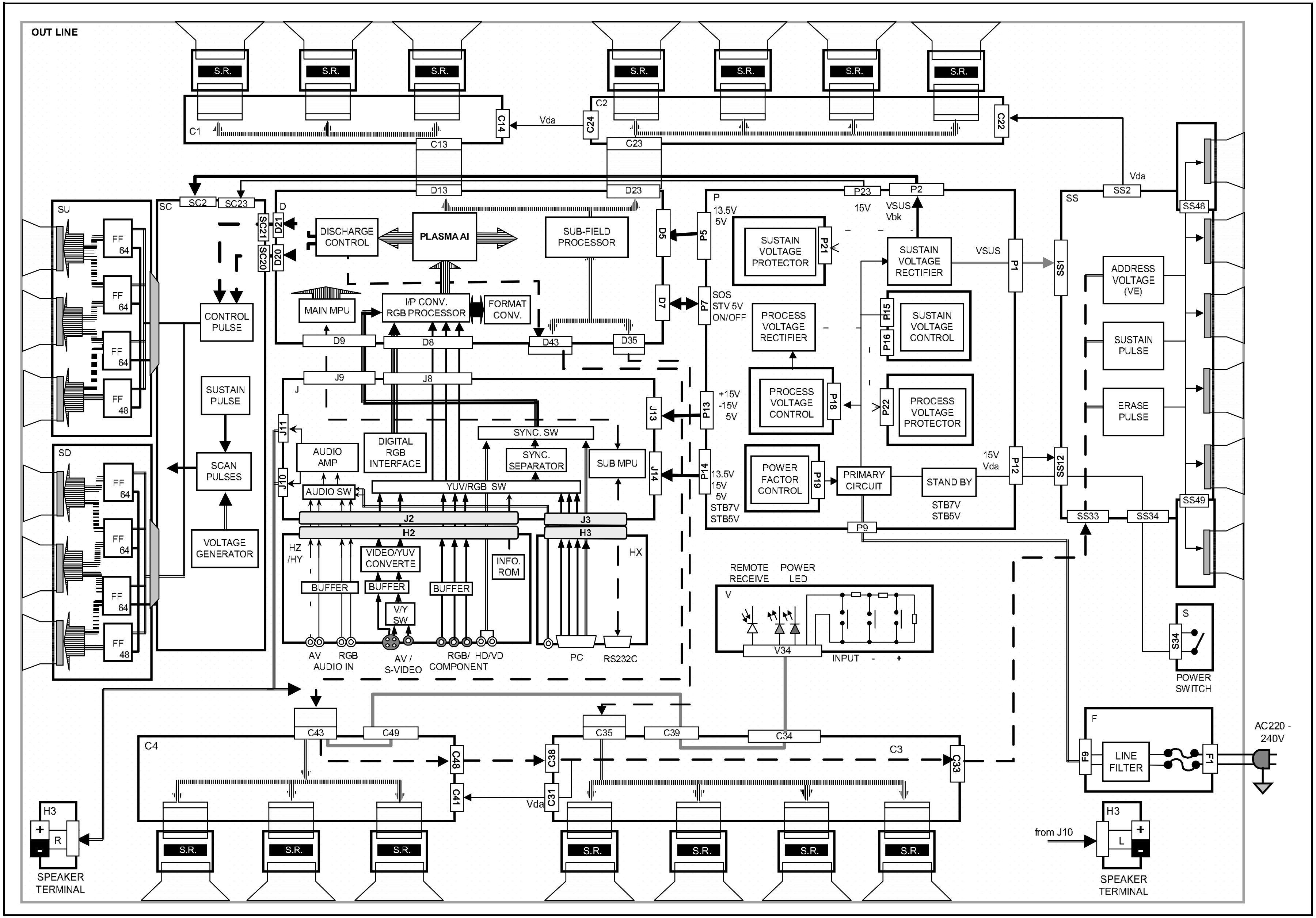
Remarks:

1. The Power Circuit contains a circuit area which uses a separate power supply to isolate the earth connection.
   The circuit is defined by HOT and COLD indications in the schematic diagram. Take the follwing precautions.
   All circuits, except the Power Circuit, are cold.
   Precautions
   a. Do not touch the hot part or the hot and cold parts at the same time or you may be shocked.
   b. Do not short- circuit the hot and cold circuits or a fuse may blow and parts may break.
   c. Do not connect an instrument, such as an oscilloscope, to the hot and cold circuits simultaneously or a fuse may blow.
   Connect the earth of instruments to the earth connection of the circuit being measured.
   d. Make sure to disconnect the power plug before removing the chassis.
2. Following diodes are interchangeable.
   MA150- MA162 (Replacement part)

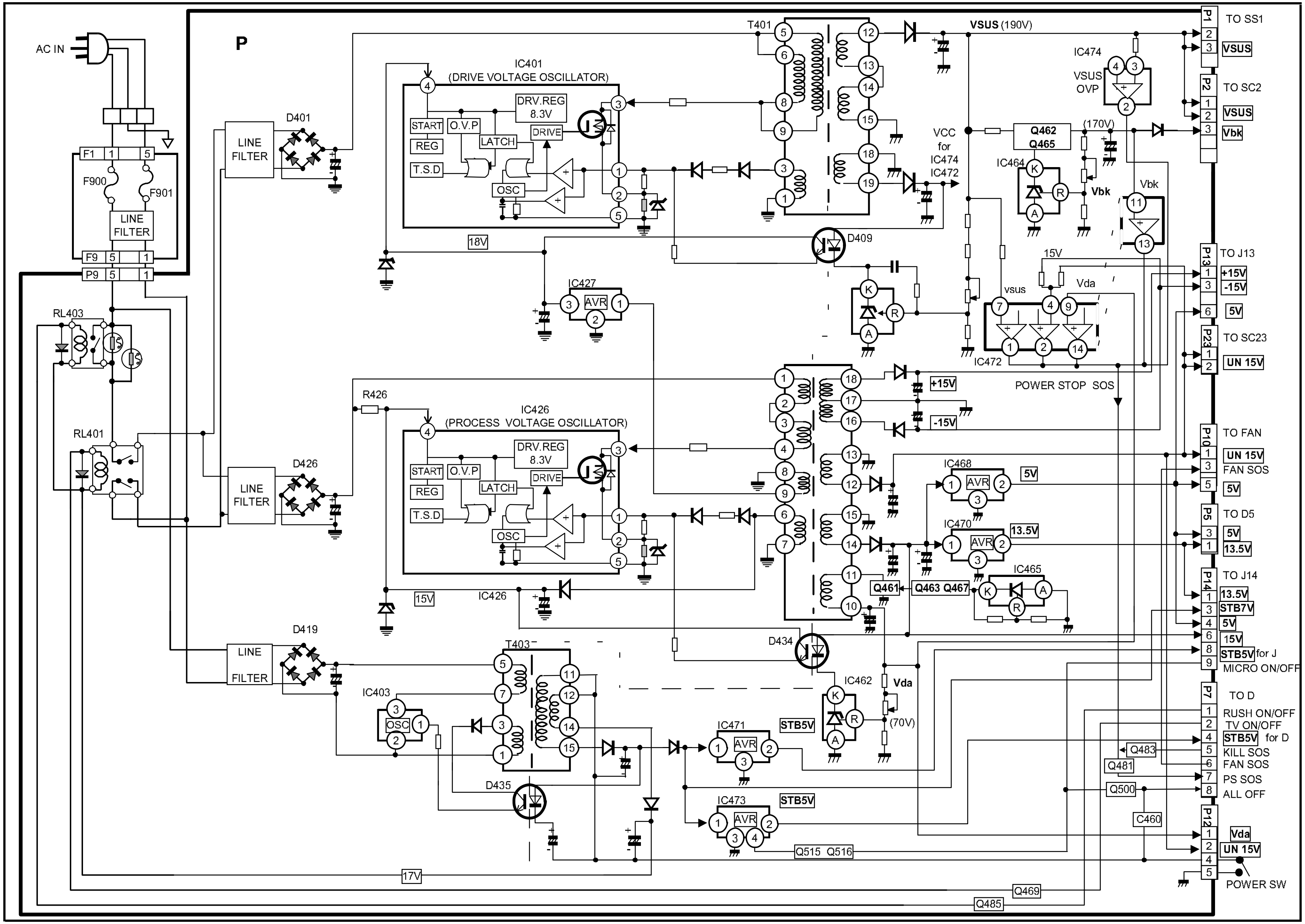
13.2. Main Block (US model) Diagrams


OUT LINE
S.R.
C1
C13
C14
Vda
C24
C2
C23
C22
Vda
D13
D23
SU
FF 64
FF 64
FF 64
FF 48
SD
FF 64
FF 64
FF 64
FF 48
SC
SC2
SC23
SC21
SC20
CONTROL PULSE
SUSTAIN PULSE
SCAN PULSES
VOLTAGE GENERATOR
D
D21
D20
DISCHARGE CONTROL
PLASMA AI
SUB-FIELD PROCESSOR
D5
D7
MAIN MPU
I/P CONV. RGB PROCESSOR
FORMAT CONV.
D9
D8
D43
D35
J
J9
J8
J11
J10
J13
J14
AUDIO AMP
AUDIO SW
DVI
SYNC. SW
SYNC. SEPARATOR
SUB MPU
YUV/RGB SW
J2
J3
H2
H3
HZ /HY
BUFFER
VIDEO/YUV CONVERTE
BUFFER
BUFFER
V/Y SW
INFO. ROM
HX
AV
AUDIO IN
RGB
AV / S-VIDEO
RGB/ COMPONENT
HD/VD
PC
RS232C
P
P23
P2
15V
VSUS Vbk
P5
13.5V 5V
VSUS
P1
P7
SOS
STV 5V
ON/OFF
PROTECTOR
VSUS, Vbk
Vda, +15V, -15V -15V, 13.5V, 5V
P13
+15V -15V 5V
P14
13.5V 15V 5V STB7V STB5V
DRIVE VOLTAGE GENERATOR
PROCESS VOLTAGE GENERATOR
ON/OFF
PRIMARY SWITCH CIRCUIT
STAND BY
STB7V STB5V
P12
P9
SS
SS2
Vda
SS48
SS1
ADDRESS VOLTAGE (VE)
SUSTAIN PULSE
SS12
SS33
SS34
SS49
REMOTE RECEIVE
POWER LED
V
V34
INPUT - +
S
S34
POWER SWITCH
F
F9
LINE FILTER
F1
AC120V
C4
C43
C49
C48
C41
Vda
C3
C35
C39
C34
C38
C31
C33
H3
+
-
R
SPEAKER TERMINAL
H3
from J10
L
+
-
SPEAKER TERMINAL

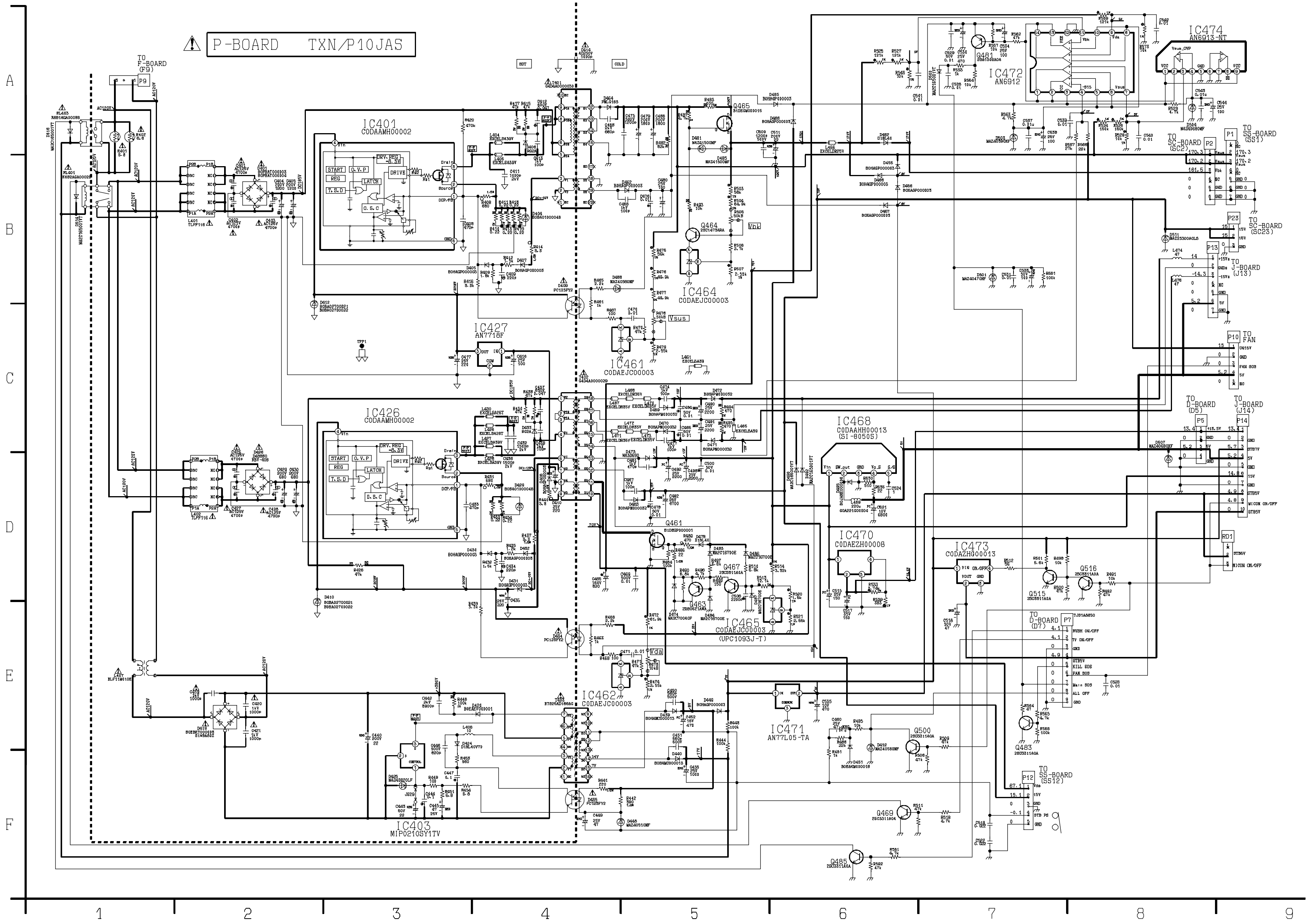
13.3. Main (Except US) Block Diagram


OUT LINE
S.R.
C1
C2
C13
C14
Vda
C24
C23
C22
D13
D23
SC2
SC23
SU
SC
D
P23
P2
P
SS
SS2
Vda
SS48
FF 64
FF 64
FF 64
FF 48
SD
FF 64
FF 64
FF 64
FF 48
SC21
SC20
D21
D20
DISCHARGE CONTROL
PLASMA AI
SUB-FIELD PROCESSOR
D5
P5
13.5V 5V
15V
VSUS Vbk
SUSTAIN VOLTAGE PROTECTOR
P21
SUSTAIN VOLTAGE RECTIFIER
VSUS
P1
SS1
ADDRESS VOLTAGE (VE)
CONTROL PULSE
MAIN MPU
I/P CONV. RGB PROCESSOR
FORMAT CONV.
D7
P7
SOS STV 5V ON/OFF
PROCESS VOLTAGE RECTIFIER
P15
P16
SUSTAIN VOLTAGE CONTROL
SUSTAIN PULSE
D9
D8
D43
D35
J9
J8
J
SUSTAIN PULSE
PROCESS VOLTAGE CONTROL
P18
P22
PROCESS VOLTAGE PROTECTOR
ERASE PULSE
J11
J13
P13
+15V -15V 5V
AUDIO AMP
DIGITAL RGB INTERFACE
SYNC. SW
SYNC. SEPARATOR
SUB MPU
SCAN PULSES
J14
P14
13.5V 15V 5V STB7V STB5V
POWER FACTOR CONTROL
P19
PRIMARY CIRCUIT
STAND BY
15V Vda
P12
SS12
J10
AUDIO SW
YUV/RGB SW
STB7V STB5V
J2
J3
P9
SS33
SS34
SS49
H2
H3
HZ /HY
VIDEO/YUV CONVERTE
INFO. ROM
HX
VOLTAGE GENERATOR
BUFFER
BUFFER
BUFFER
V/Y SW
REMOTE RECEIVE
POWER LED
V
V34
INPUT - +
AV
RGB
AUDIO IN
AV / S-VIDEO
RGB/ COMPONENT
HD/VD
PC
RS232C
S
S34
POWER SWITCH
C43
C49
C35
C39
C34
C4
C48
C38
C3
C33
F
AC220 - 240V
F9
LINE FILTER
F1
C41
Vda
C31
H3
R
SPEAKER TERMINAL
from J10
H3
L
SPEAKER TERMINAL

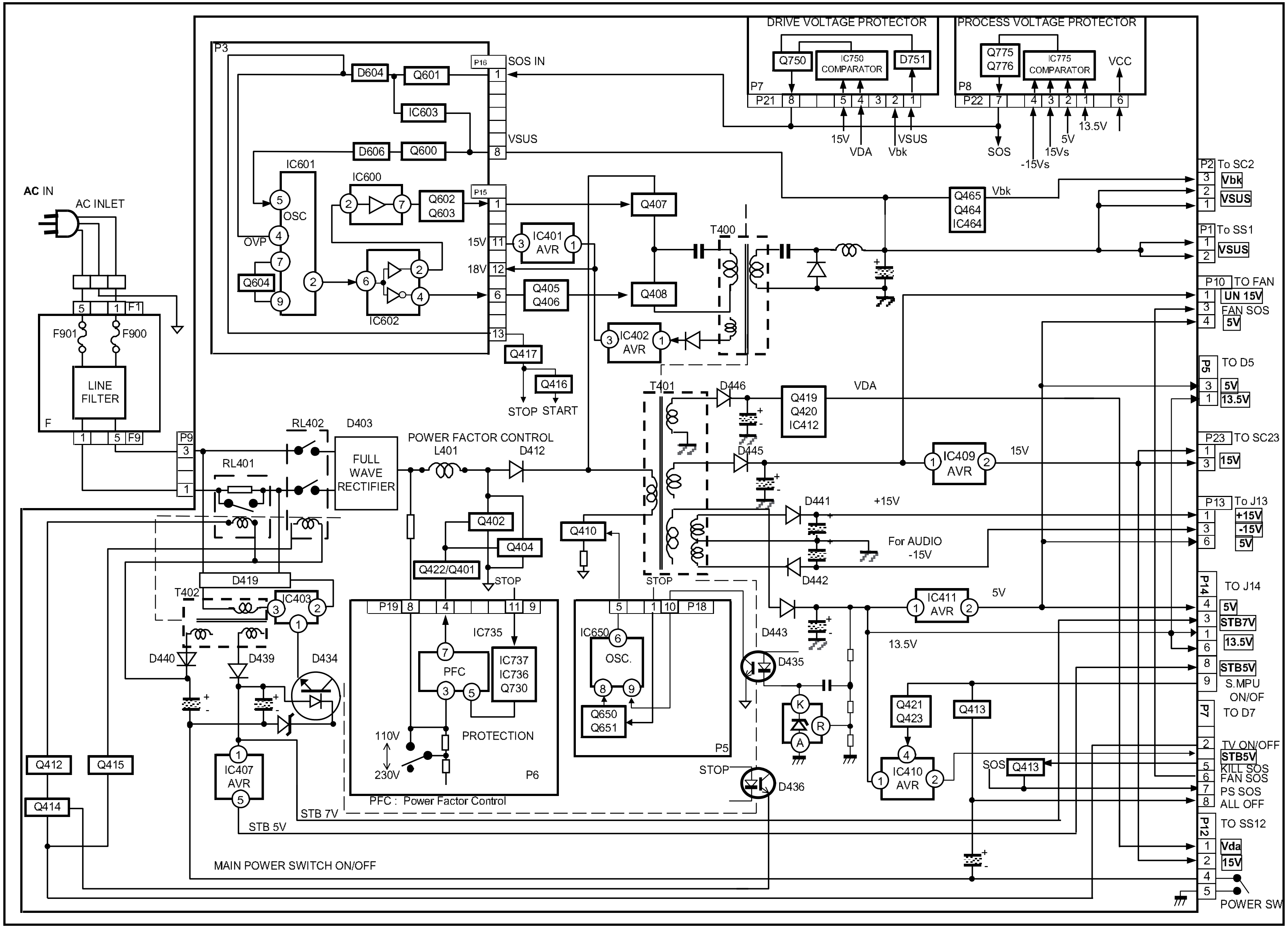
13.4. Power (US model) Block Diagram


AC IN
P
F1
F900
F901
LINE FILTER
F9
P9
RL403
RL401
LINE FILTER
D401
T401
IC401
(DRIVE VOLTAGE OSCILLATOR)
START
O.V.P
REG
T.S.D
LATCH
OSC
DRV.REG 8.3V
DRIVE
18V
IC427
AVR
D409
VSUS (190V)
VCC for IC474 IC472
IC474
VSUS OVP
Q462 Q465
(170V)
IC464
Vbk
15V
vsus
Vda
IC472
POWER STOP SOS
R426
IC426
(PROCESS VOLTAGE OSCILLATOR)
D426
15V
IC426
+15V
-15V
IC468
5V
IC470
13.5V
IC465
Q461
Q463 Q467
D434
IC462
Vda
(70V)
D419
T403
IC403
OSC
D435
IC471
STB5V
IC473
STB5V
Q515 Q516
17V
Q469
Q485
Q483
Q481
Q500
C460
P1 TO SS1
VSUS
P2 TO SC2
VSUS
Vbk
P13 TO J13
+15V
-15V
5V
P23 TO SC23
UN 15V
P10 TO FAN
UN 15V
FAN SOS
5V
P5 TO D5
5V
13.5V
P14 TO J14
13.5V
STB7V
5V
15V
STB5V for J
MICRO ON/OFF
P7 TO D
RUSH ON/OFF
TV ON/OFF
STB5V for D
KILL SOS
FAN SOS
PS SOS
ALL OFF
P12
Vda
UN 15V
POWER SW

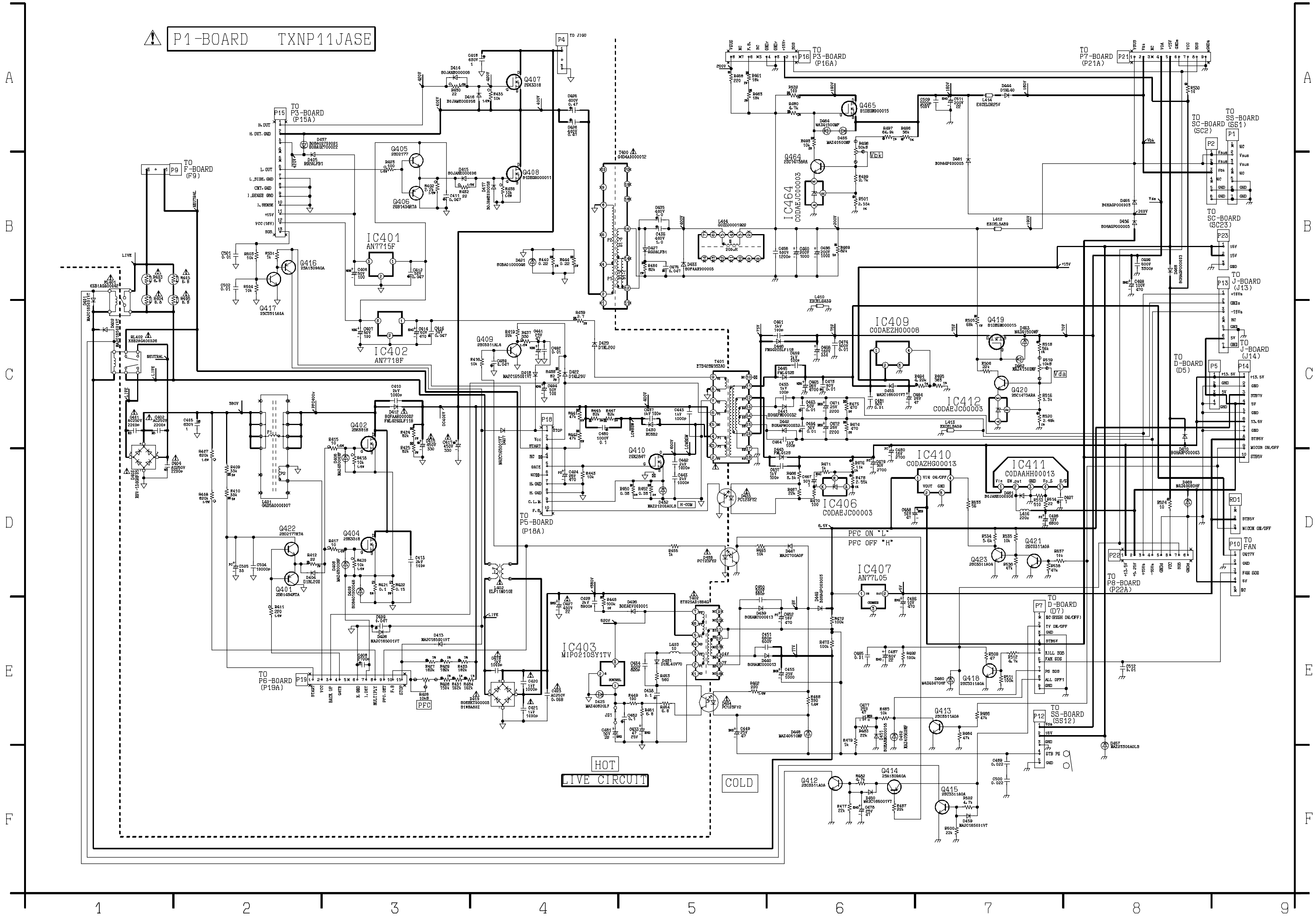
13.5. P-Board (US model) Schematic Diagrams


P-BOARD TXN/P10JAS
TO F-BOARD (F9)
HOT
COLD
IC401 C0DAAMH00002
IC426 C0DAAMH00002
IC427 AN7718F
IC403 MIP0210SY1TV
IC461 C0DAEJC00003
IC462 C0DAEJC00003
IC464 C0DAEJC00003
IC465 C0DAEJC00003 (UPC1093J-T)
IC468 C0DAAHH00013 (SI-8050S)
IC470 C0DAEZH00008
IC471 AN77L05-TA
IC472 AN6912
IC473 C0DAZHG00013
IC474 AN6913-NT
Q461
Q463
Q464
Q465
Q467
Q469
Q481
Q483
Q485
Q500
Q515
Q516
START
REG
T.S.D
O.V.P
LATCH
DRIVE
O.S.C
DRV. REG
Drain
Source
Vsus
Vda
TO SS-BOARD (SS1)
TO SC-BOARD (SC2)
TO SC-BOARD (SC23)
TO J-BOARD (J13)
TO FAN
TO D-BOARD (D5)
TO J-BOARD (J14)
TO D-BOARD (D7)
TO SS-BOARD (SS12)
P1
P2
P5
P7
P9
P10
P12
P13
P14
P23
RD1
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

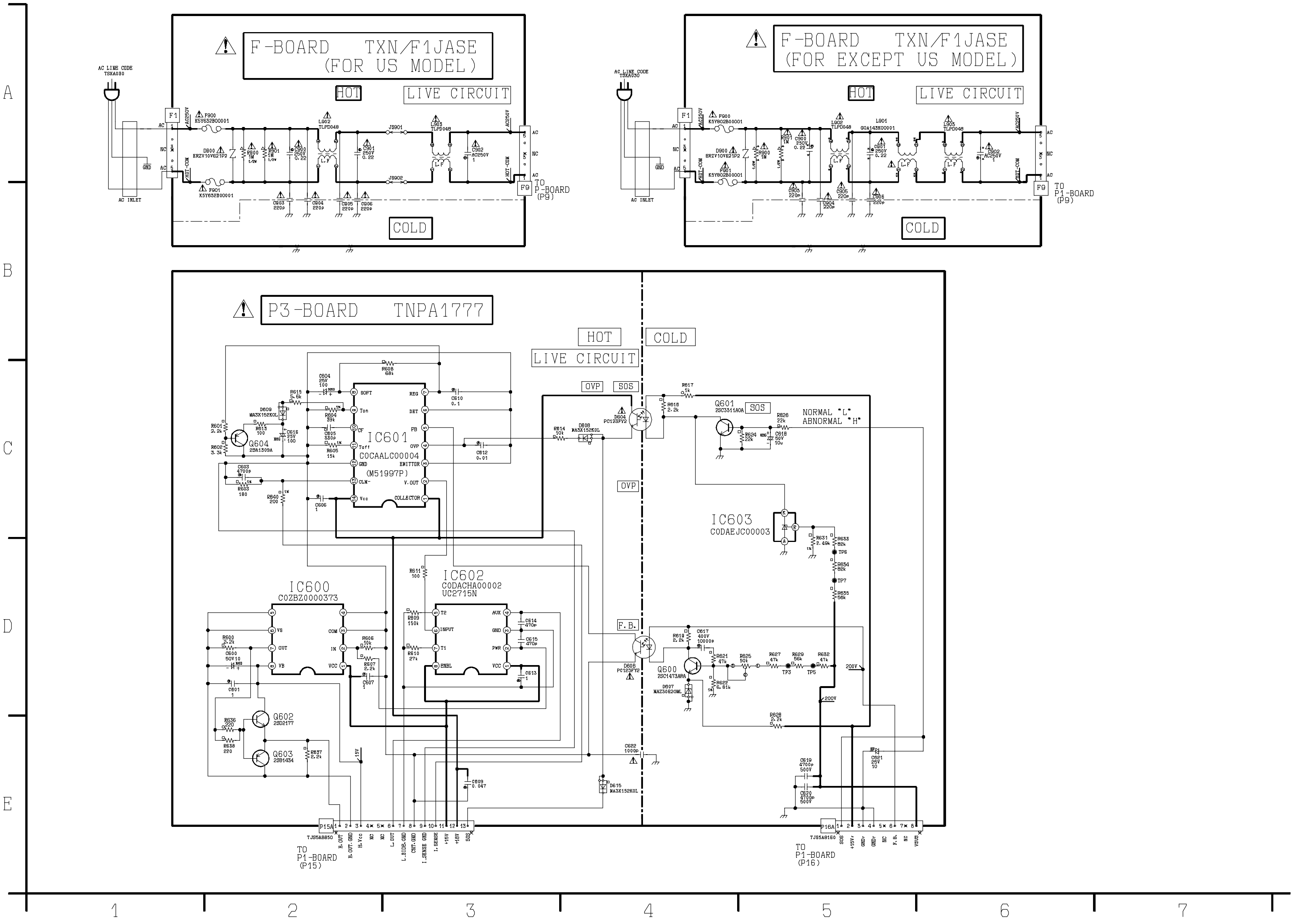
13.6. Power (Except US) Block Diagram


DRIVE VOLTAGE PROTECTOR
Q750
IC750 COMPARATOR
D751
P7
P21 8 5 4 3 2 1
15V
VDA
Vbk
VSUS
PROCESS VOLTAGE PROTECTOR
Q775
Q776
IC775 COMPARATOR
VCC
P8
P22 7 4 3 2 1 6
SOS
-15Vs
15Vs
5V
13.5V
P3
D604
Q601
IC603
P16
SOS IN
VSUS
D606
Q600
IC601
OSC
OVP
Q604
IC600
Q602
Q603
IC602
P15
15V
18V
IC401 AVR
Q405
Q406
Q407
Q408
T400
IC402 AVR
Q417
Q416
STOP
START
Q465
Q464
IC464
Vbk
P2 To SC2
Vbk
VSUS
P1 To SS1
VSUS
P10 TO FAN
UN 15V
FAN SOS
5V
P5 TO D5
5V
13.5V
P23 TO SC23
15V
P13 To J13
+15V
-15V
5V
P14 TO J14
5V
STB7V
13.5V
STB5V
S.MPU ON/OF
P7 TO D7
TV ON/OFF
STB5V
KILL SOS
FAN SOS
PS SOS
ALL OFF
P12 TO SS12
Vda
15V
POWER SW
AC IN
AC INLET
F1
F901
F900
LINE FILTER
F
F9
P9
RL402
RL401
D403
FULL WAVE RECTIFIER
POWER FACTOR CONTROL
L401
D412
T401
D446
Q419
Q420
IC412
VDA
D445
IC409 AVR
15V
D441
+15V
For AUDIO
-15V
D442
D443
IC411 AVR
5V
13.5V
D435
Q421
Q423
Q413
IC410 AVR
SOS
Q413
D436
STOP
Q410
Q402
Q404
Q422/Q401
STOP
D419
T402
IC403
D440
D439
D434
IC407 AVR
STB 7V
STB 5V
Q412
Q415
Q414
P19
IC735
PFC
IC737
IC736
Q730
110V
230V
PROTECTION
P6
PFC : Power Factor Control
IC650
OSC.
Q650
Q651
P18
P5
MAIN POWER SWITCH ON/OFF

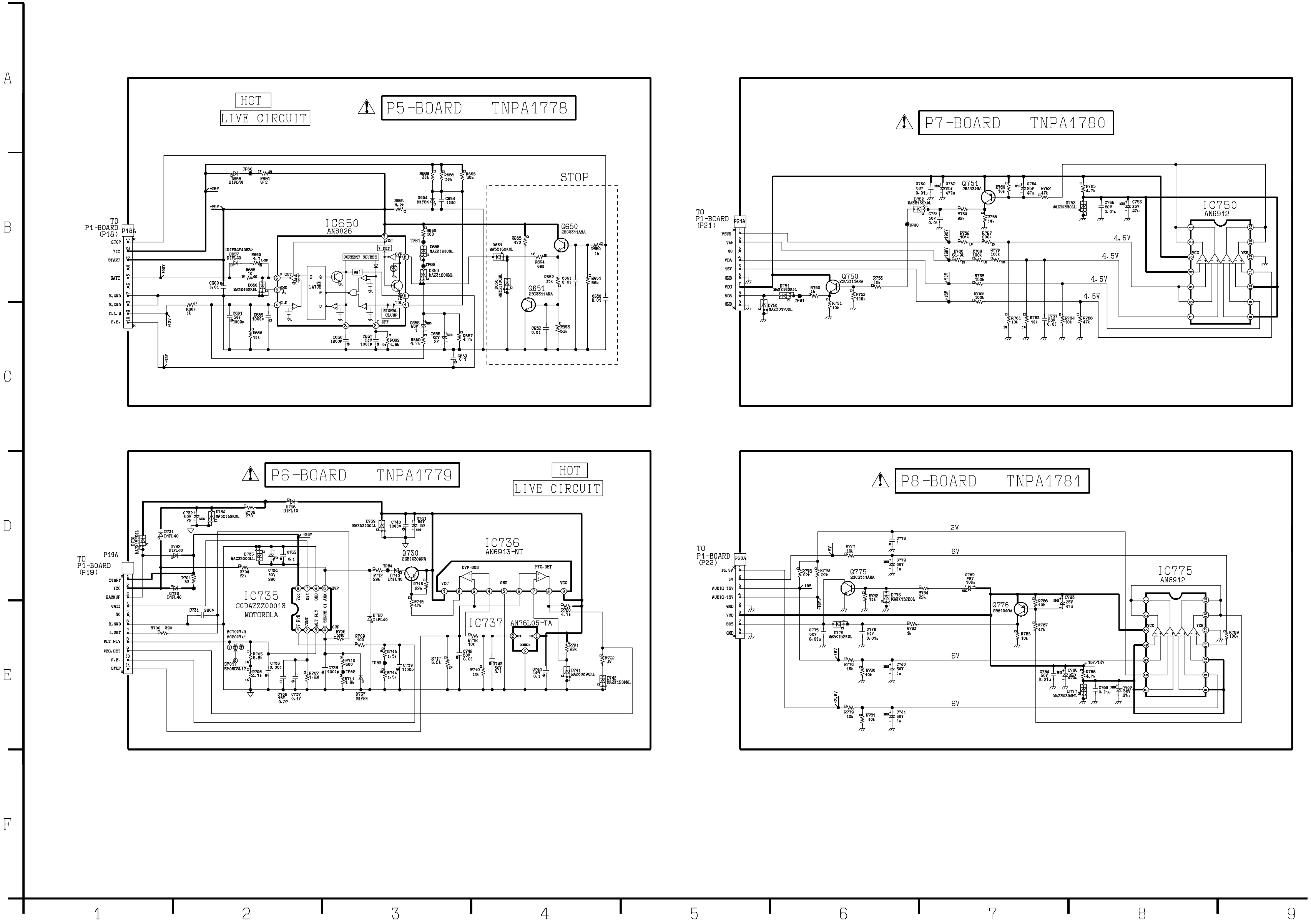
13.7. P1-Board (Except US) Schematic Diagrams


P1-BOARD TXNP11JASE
TO P3-BOARD (P15A)
TO F-BOARD (F9)
TO P3-BOARD (P16A)
TO P7-BOARD (P21A)
TO SC-BOARD (SC2)
TO SS-BOARD (SS1)
TO SC-BOARD (SC23)
TO J-BOARD (J13)
TO J-BOARD (J14)
TO D-BOARD (D5)
TO P5-BOARD (P18A)
TO P6-BOARD (P19A)
TO P8-BOARD (P22A)
TO FAN
TO D-BOARD (D7)
TO SS-BOARD (SS12)
IC401 AN7715F
IC402 AN7718F
IC403 MIP0210SY1TV
IC406 C0DAEJC00003
IC407 AN77L05
IC409 C0DAEZH00008
IC410 C0DAZHG00013
IC411 C0DAAHH00013
IC412 C0DAEJC00003
IC464 C0DAEJC00003
Q401
Q402
Q404
Q405
Q406
Q407
Q408
Q409
Q410
Q412
Q413
Q414
Q415
Q416
Q417
Q418
Q419
Q420
Q421
Q422
Q423
Q464
Q465
T400
T401
T402
PFC ON "L"
PFC OFF "H"
HOT
LIVE CIRCUIT
COLD
PFC
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

13.8. F and P3-Board (Except US) Schematic Diagram

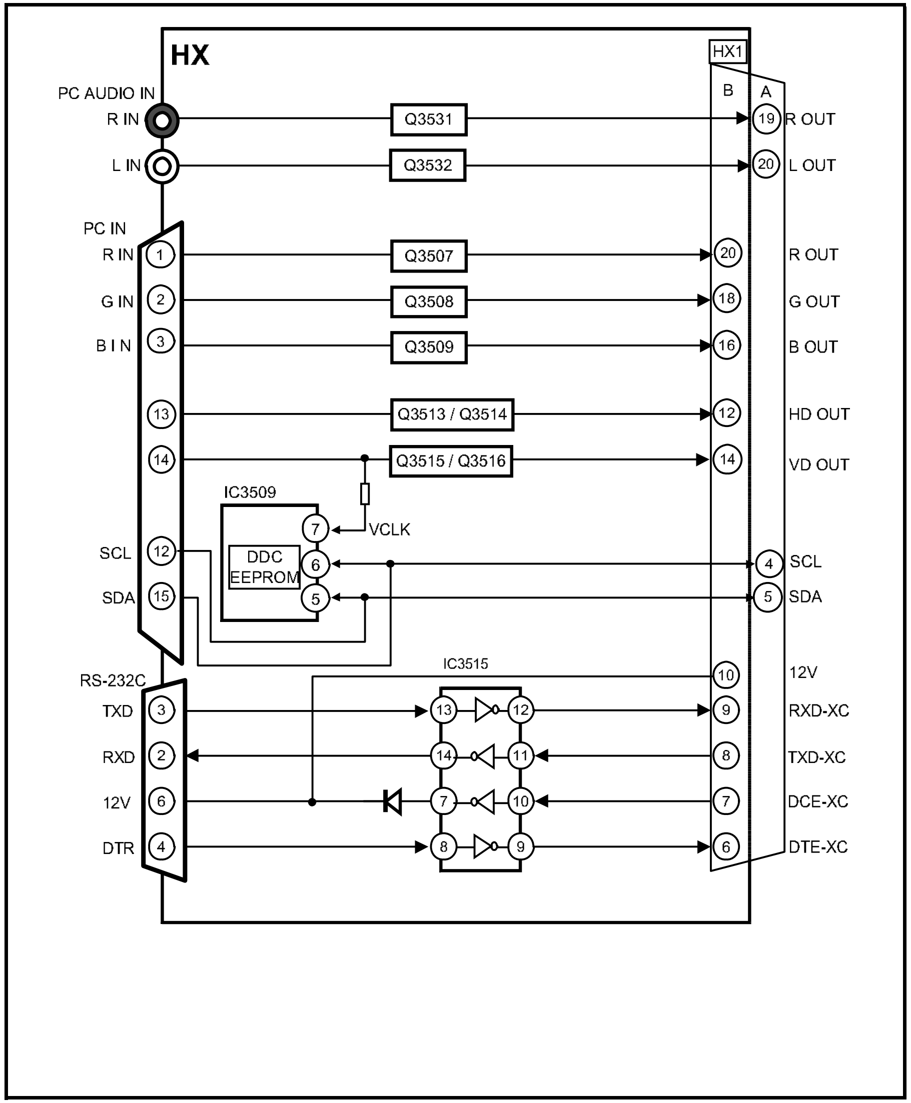

F-BOARD TXN/F1JASE
(FOR US MODEL)
HOT
LIVE CIRCUIT
COLD
AC LINE CODE
TSXA030
AC INLET
F1
F900
K5Y632B00001
F901
K5Y632B00001
D900
ERZV10V621P2
L902
TLPD048
L903
TLPD048
JS901
JS902
C902
AC250V
C903
220p
C904
220p
C905
220p
C906
220p
F9
TO
P-BOARD
(P9)
F-BOARD TXN/F1JASE
(FOR EXCEPT US MODEL)
L901
G0A143K00001
F900
K5Y802B00001
F901
K5Y802B00001
TO
P1-BOARD
(P9)
P3-BOARD TNPA1777
HOT
LIVE CIRCUIT
COLD
OVP
SOS
IC601
C0CAALC00004
(M51997P)
SOFT
Ton
CF
Toff
GND
CLM-
Vcc
REG
DET
FB
OVP
EMITTER
V.OUT
COLLECTOR
Q604
2SA1309A
D609
MA3X152K0L
D604
PC123FY2
D608
MA3X152K0L
Q601
2SC3311A0A
NORMAL "L"
ABNORMAL "H"
IC603
C0DAEJC00003
TP6
TP7
IC600
C0ZBZ0000373
VS
OUT
VB
COM
IN
VCC
Q602
2SD2177
Q603
2SB1434
IC602
C0DACHA00002
UC2715N
T2
INPUT
T1
ENBL
AUX
GND
PWR
VCC
F.B.
D605
PC123FY2
Q600
2SC1473ARA
D607
MAZ30820ML
TP3
TP5
200V
C622
1000p
D615
MA3X152K0L
C619
4700p
500V
C620
4700p
500V
C621
25V
10
P15A
TJS5A0850
TO
P1-BOARD
(P15)
H.OUT
H.OUT
H.Vcc
NC
NC
L.OUT
L.SIDE GND
CNT GND
I.SENSE GND
I.SENSE
+15V
+15V
SOS
P16A
TJS5A0160
TO
P1-BOARD
(P16)
SOS
+15V
GND
GND
NC
F.B.
NC
VSUS
A
B
C
D
E
1
2
3
4
5
6
7

13.9. P5, P6, P7 and P8-Board (Except US) Schematic diagram

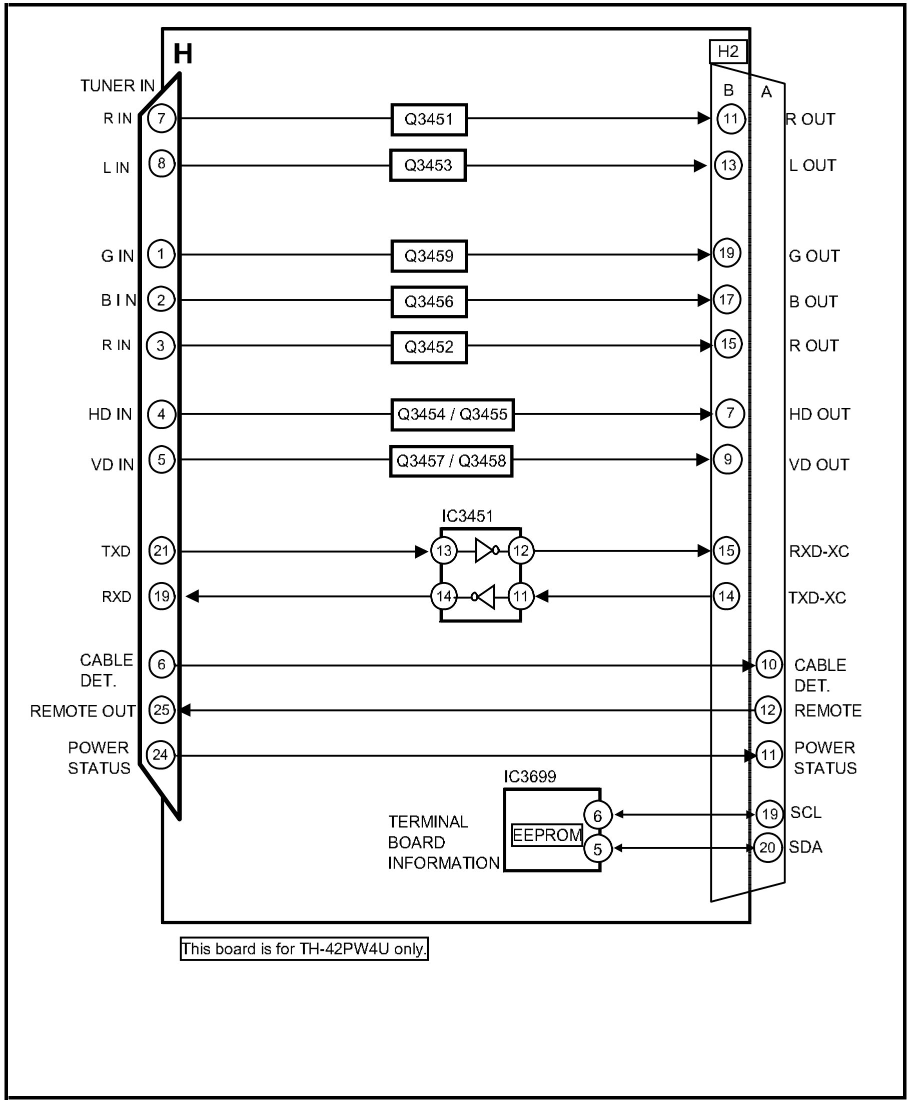

A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
HOT
LIVE CIRCUIT
P5-BOARD TNPA1778
STOP
IC650
AN8026
Q650
2SC3311ARA
Q651
2SC3311ARA
TO P1-BOARD (P18)
P18A
STOP
Vcc
START
GATE
H.GND
H.GND
C.L.W
F.B.
P7-BOARD TNPA1780
TO P1-BOARD (P21)
P21A
IC750
AN6912
Q751
2SA1309A
Q750
2SC3311ARA
4.5V
4.5V
4.5V
4.5V
P6-BOARD TNPA1779
HOT
LIVE CIRCUIT
TO P1-BOARD (P19)
P19A
START
VCC
BACKUP
GATE
H.GND
I.DET
MLT PLY
FEED.DET
F.B.
STOP
IC735
C0DAZZZ00013
MOTOROLA
IC736
AN6913-NT
IC737
AN78L05-TA
Q730
2SB1030ARA
OVP-SOS
PFC.DET
P8-BOARD TNPA1781
TO P1-BOARD (P22)
P22A
15.5V
5V
AUDIO 15V
AUDIO-15V
GND
VCC
SOS
GND
IC775
AN6912
Q775
2SC3311ARA
Q776
2SA1309A
2V
6V
6V
6V

13.10. HX and H Block Diagram

PC Terminal Board

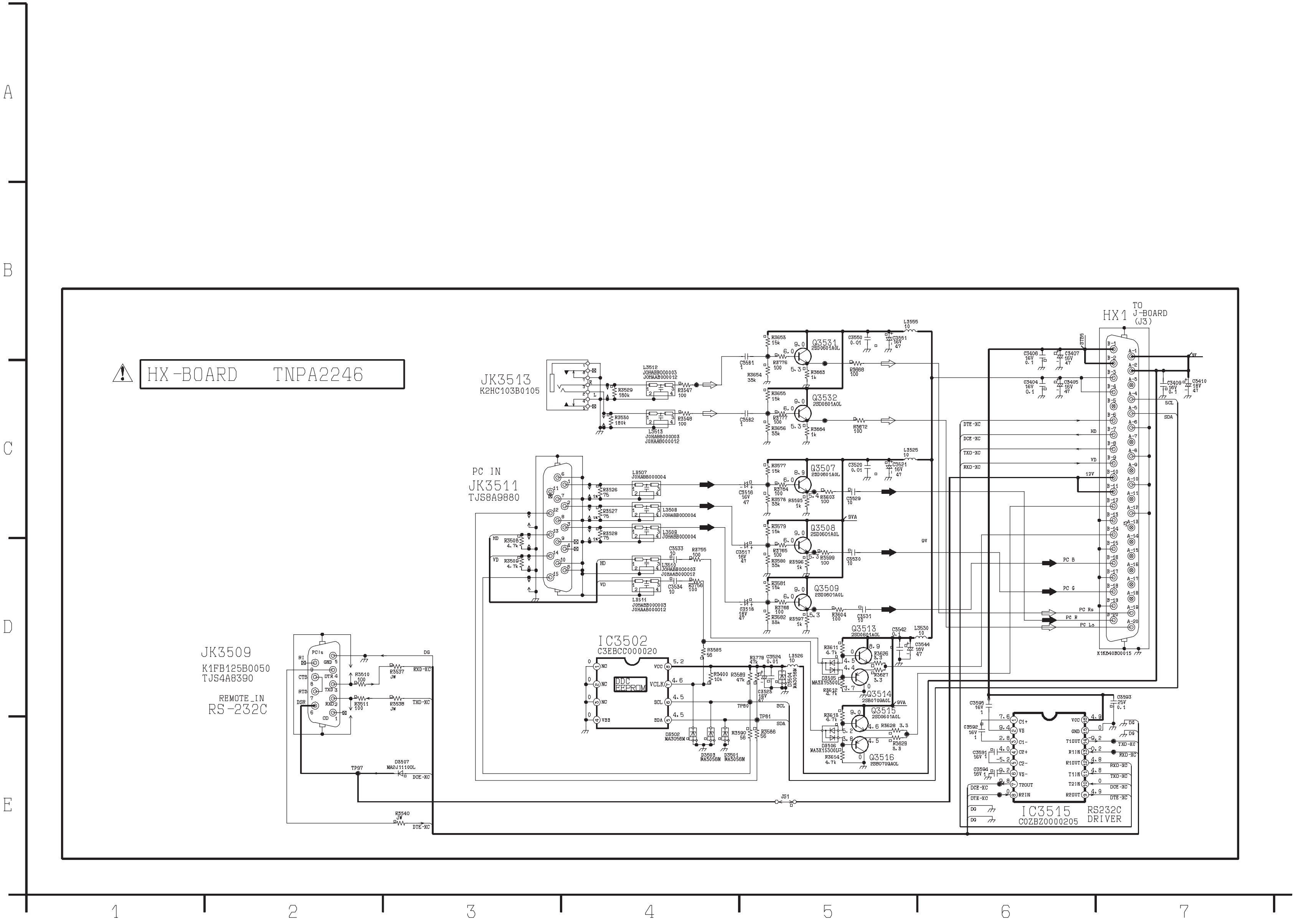

HX
HX1
B
A
PC AUDIO IN
R IN
L IN
Q3531
Q3532
19
R OUT
20
L OUT
PC IN
R IN
G IN
B IN
1
2
3
13
14
Q3507
Q3508
Q3509
Q3513 / Q3514
Q3515 / Q3516
20
18
16
12
14
R OUT
G OUT
B OUT
HD OUT
VD OUT
IC3509
DDC
EEPROM
7
6
5
VCLK
SCL
SDA
12
15
4
SCL
5
SDA
RS-232C
TXD
RXD
12V
DTR
3
2
6
4
IC3515
13
12
14
11
7
10
8
9
10
12V
9
RXD-XC
8
TXD-XC
7
DCE-XC
6
DTE-XC

Tuner Terminal Board

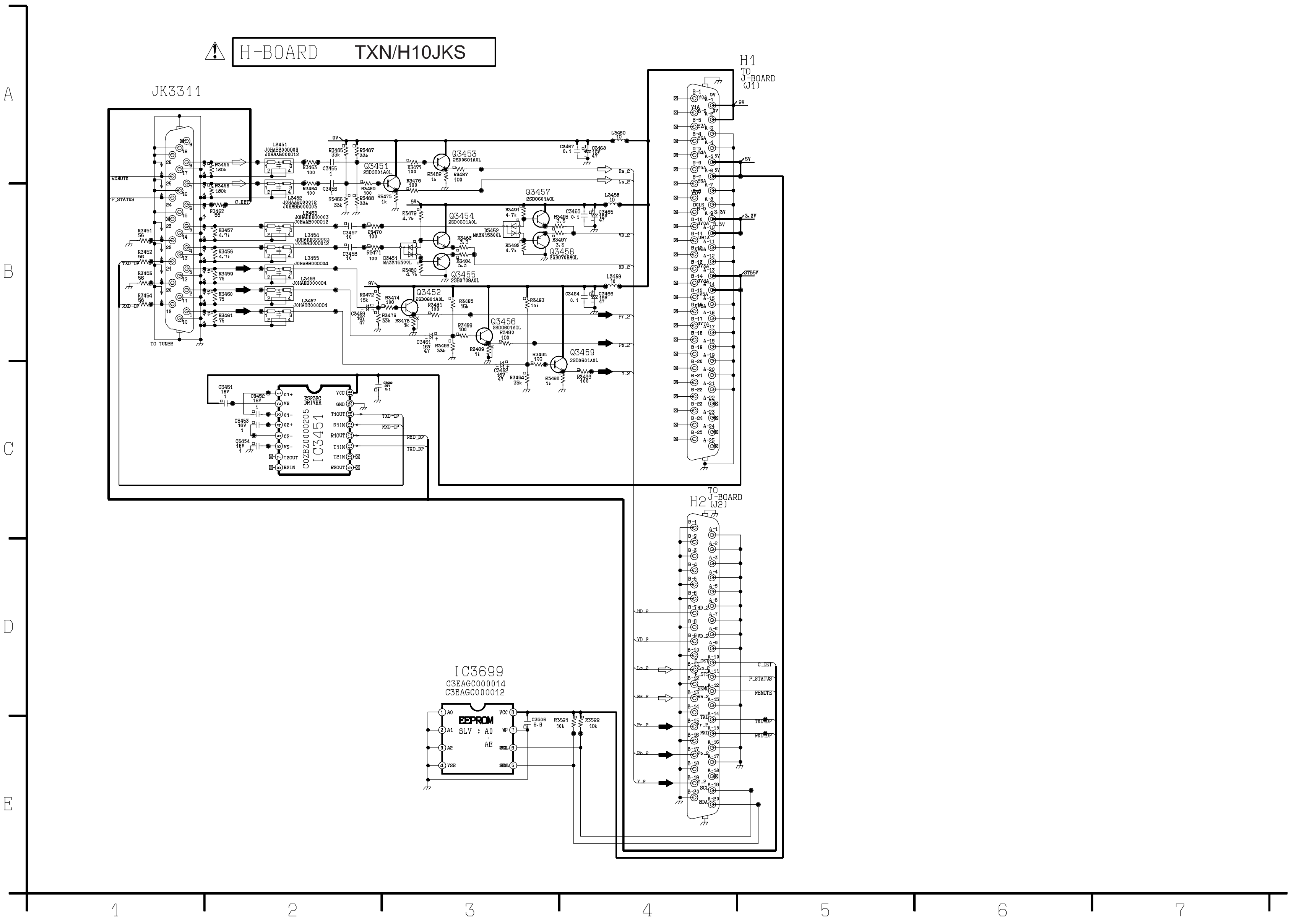

H
H2
B
A
TUNER IN
R IN
L IN
7
8
Q3451
Q3453
11
R OUT
13
L OUT
G IN
B IN
R IN
HD IN
VD IN
1
2
3
4
5
Q3459
Q3456
Q3452
Q3454 / Q3455
Q3457 / Q3458
19
G OUT
17
B OUT
15
R OUT
7
HD OUT
9
VD OUT
IC3451
TXD
RXD
21
19
13
12
14
11
15
RXD-XC
14
TXD-XC
CABLE DET.
6
10
CABLE DET.
REMOTE OUT
25
12
REMOTE
POWER STATUS
24
11
POWER STATUS
IC3699
TERMINAL BOARD INFORMATION
EEPROM
6
5
19
SCL
20
SDA

This board is for TH-42PW4U only.

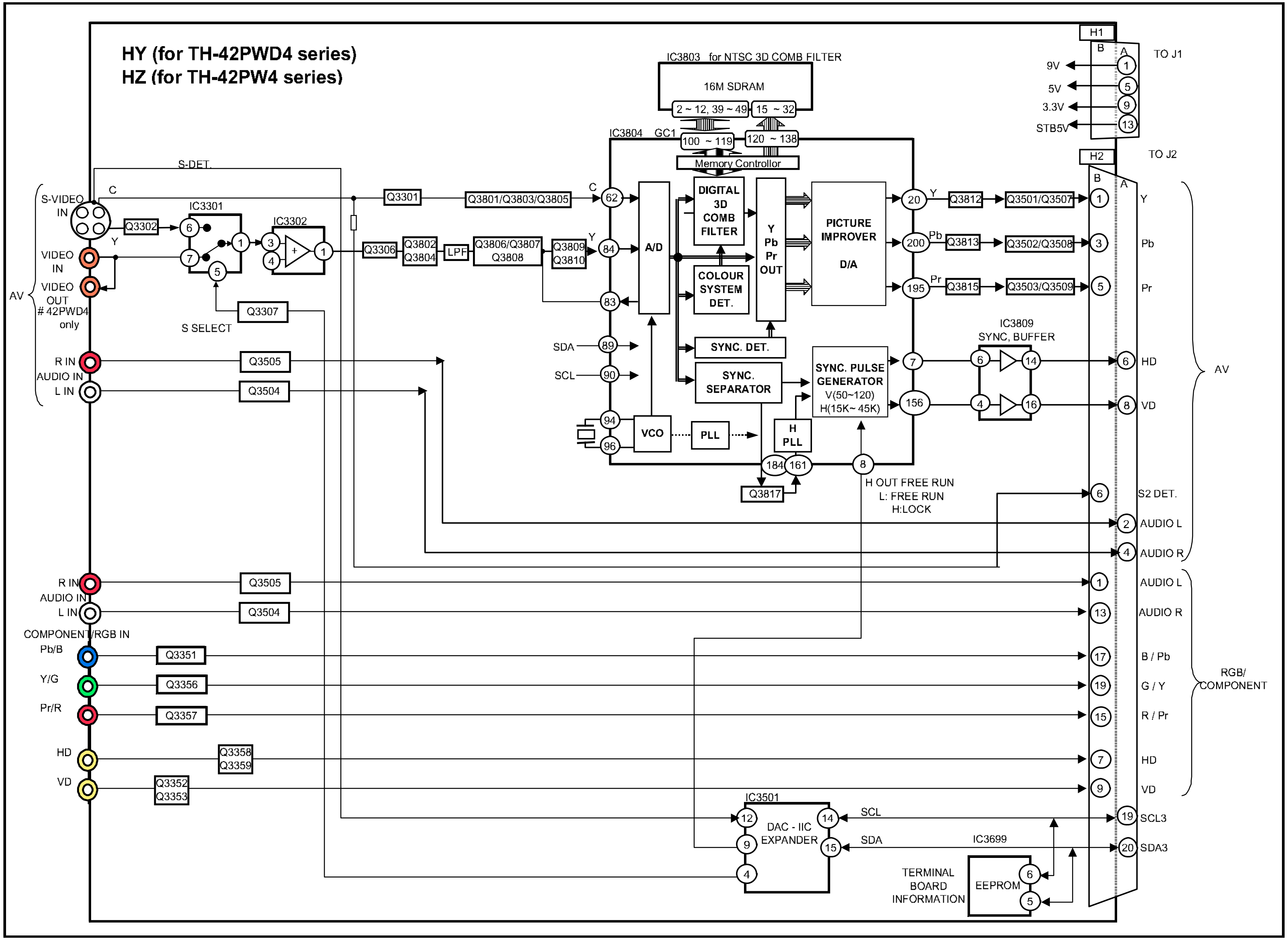
13.11. HX-Board Schematic Diagrams


A
B
C
D
E
1
2
3
4
5
6
7
HX-BOARD TNPA2246
JK3513
K2HC103B0105
R3529 180k
R3530 180k
L3512 J0HABB000003 J0HAAB000012
L3513 J0HABB000003 J0HAAB000012
R3547 100
R3548 100
C3561 1
C3562 1
R3653 15k
R3654 33k
R3655 15k
R3656 33k
R3776 100
R3777 100
R3663 1k
R3664 1k
Q3531 2SD0601A0L
Q3532 2SD0601A0L
R3668 100
R3672 100
C3550 0.01
C3551 16V 47
L3555 10
L3525 10
PC IN
JK3511
TJS8A9880
R3526 75
R3527 75
R3528 75
L3507 J0HABB000004
L3508 J0HABB000004
R3508 4.7k
R3509 4.7k
HD
VD
L3510 J0HABB000003 J0HAAB000012
L3511 J0HABB000003 J0HAAB000012
C3533 10
C3534 10
R3755 100
R3756 100
Q3507 2SD0601A0L
Q3508 2SD0601A0L
Q3509 2SD0601A0L
C3516 16V 47
C3517 16V 47
C3518 16V 47
R3577 15k
R3578 33k
R3579 15k
R3580 33k
R3581 15k
R3582 33k
R3764 100
R3765 100
R3768 100
R3595 1k
R3596 1k
R3597 1k
R3603 100
R3599 100
R3604 100
C3529 10
C3530 10
C3531 10
C3520 0.01
C3521 16V 47
9VA
9V
DTE-XC
DCE-XC
TXD-XC
RXD-XC
HX1
TO J-BOARD (J3)
STB5
5V
12V
C3406 16V 0.1
C3407 16V 47
C3404 16V 0.1
C3405 16V 47
C3409 16V 0.1
C3410 16V 47
SCL
SDA
PC B
PC G
PC Rs
PC R
PC Ls
K1KB40B00015
J3
JK3509
K1FB125B0050
TJS4A8390
REMOTE_IN
RS-232C
PC I/s
RI
CTS
RTS
DSR
GND
DTR
TXD
RXD
CD
R3510 100
R3511 100
R3537 JW
R3538 JW
DG
TP97
D3507 MA2J11100L
R3540 JW
IC3502
C3EBCC000020
DDC EEPROM
NC
VCC
VCLK
VSS
R3585 56
R3400 10k
R3589 47k
R3778 47k
C3524 0.01
C3523 16V 47
L3526 10
D3504 MA3056M
TP80
TP81
D3502 MA3056M
D3503 MA3056M
D3501 MA3056M
R3590 56
R3586 56
JS1
Q3513 2SD0601A0L
Q3514 2SB0709A0L
Q3515 2SD0601A0L
Q3516 2SB0709A0L
C3542 0.1
L3530 10
C3544 16V 47
R3611 4.7k
R3612 4.7k
R3613 4.7k
R3614 4.7k
R3626 3.3
R3627 3.3
R3628 3.3
R3629 3.3
D3505 MA3X15300L
D3506 MA3X15300L
C3595 16V 1
C3592 16V 1
C3591 16V 1
C3594 16V 1
C3593 25V 0.1
C1+
VS
C1-
C2+
C2-
VS-
T2OUT
R2IN
GND
T1OUT
R1IN
R1OUT
T1IN
T2IN
R2OUT
IC3515
C0ZBZ0000205
RS232C DRIVER

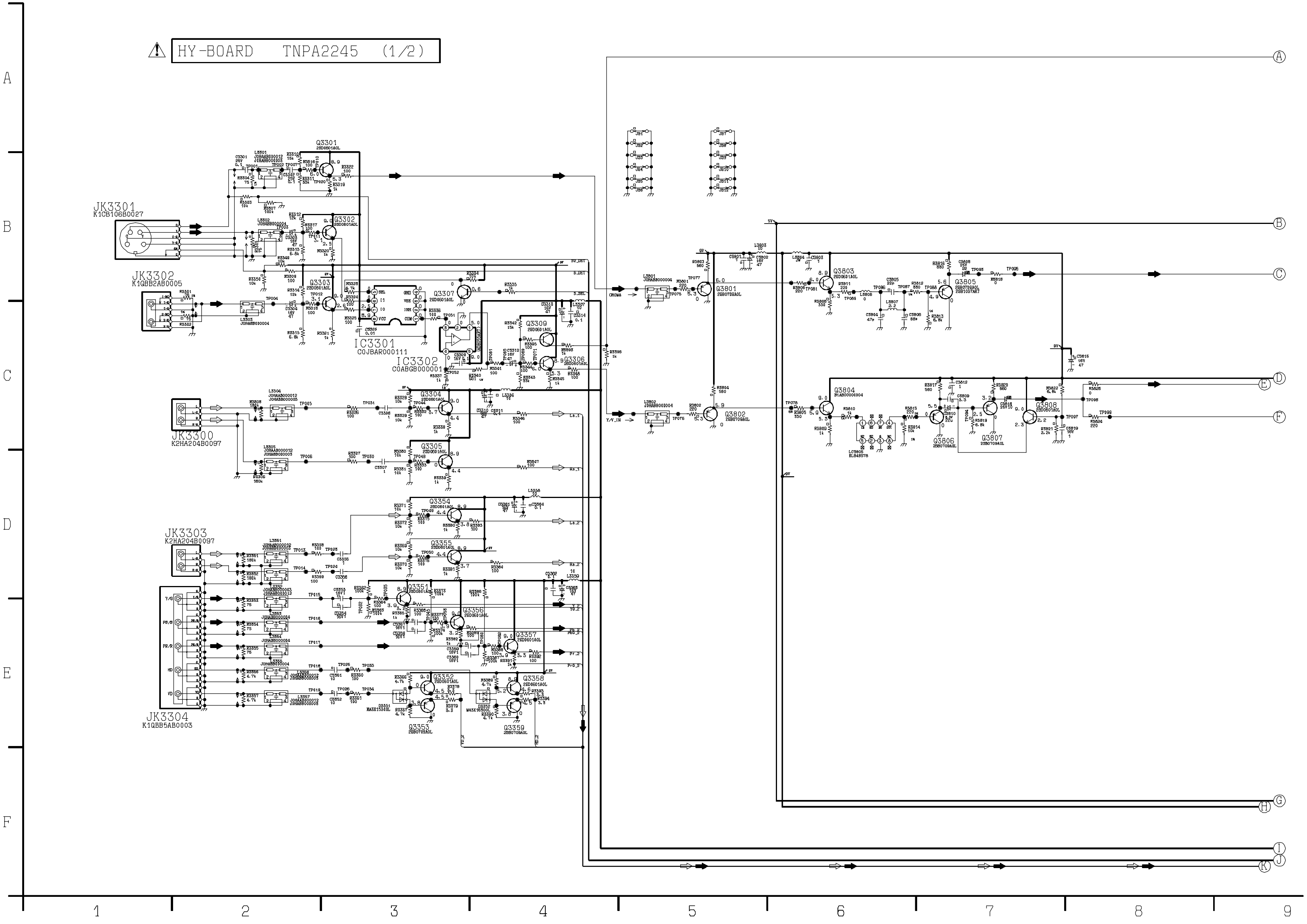
13.12. H-Board (Option TY-42TM4H) Schematic Diagram


H-BOARD TXN/H10JKS
JK3311
TO TUNER
H1
TO J-BOARD (J1)
H2
TO J-BOARD (J2)
Q3451
Q3452
Q3453
Q3454
Q3455
Q3456
Q3457
Q3458
Q3459
RS232C DRIVER
C0ZBZ0000205
IC3451
IC3699
C3EAGC000014
C3EAGC000012
EEPROM
SLV : A0 - AE
A
B
C
D
E
1
2
3
4
5
6
7

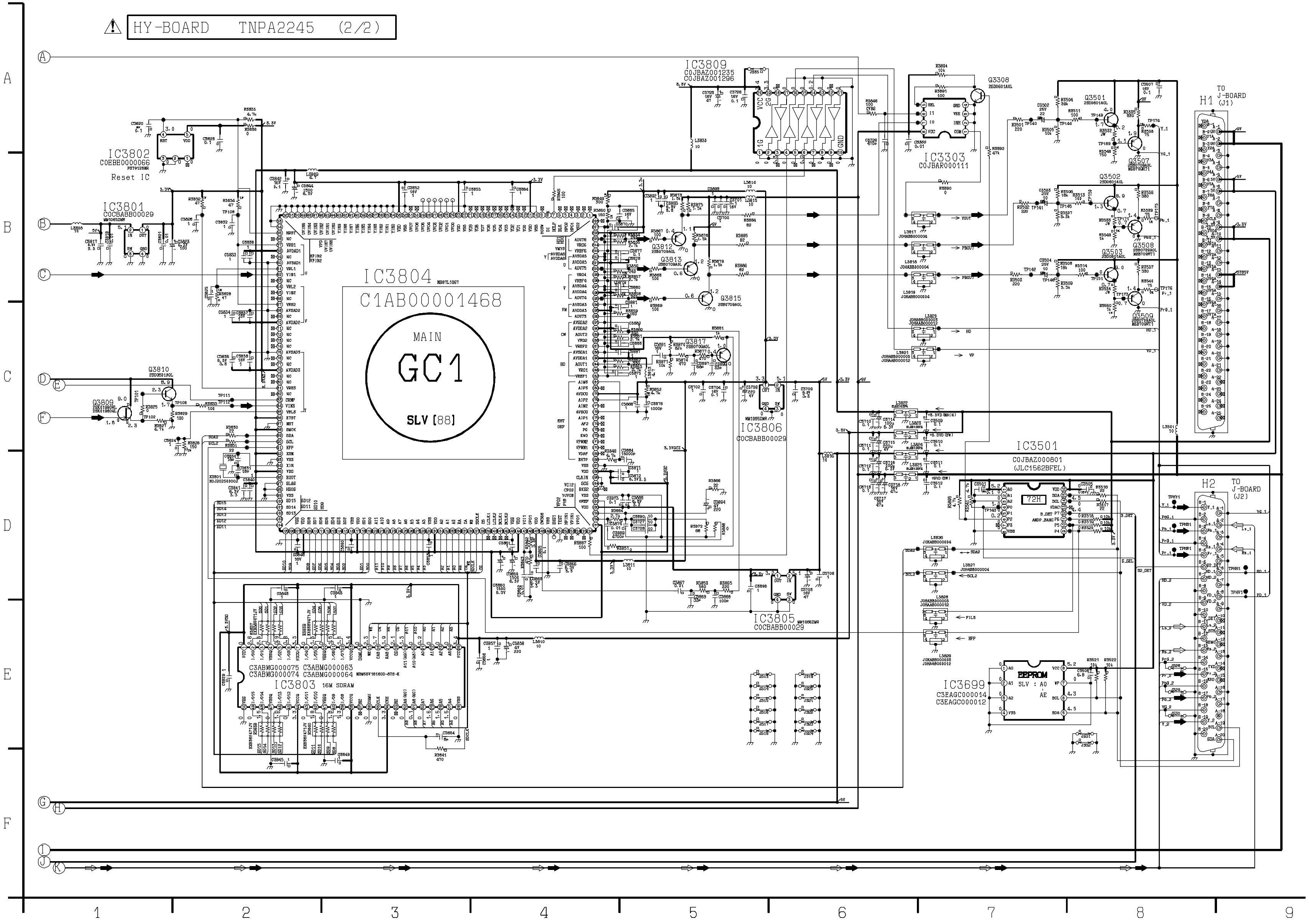
13.13. HY and HZ Block Diagrams


HY (for TH-42PWD4 series)
HZ (for TH-42PW4 series)
IC3803 for NTSC 3D COMB FILTER
16M SDRAM
2 ~ 12, 39 ~ 49
15 ~ 32
IC3804 GC1
100 ~ 119
120 ~ 138
Memory Controller
DIGITAL 3D COMB FILTER
Y Pb Pr OUT
PICTURE IMPROVER
D/A
A/D
COLOUR SYSTEM DET.
SYNC. DET.
SYNC. SEPARATOR
SYNC. PULSE GENERATOR
V(50~120)
H(15K~ 45K)
VCO
PLL
H PLL
H OUT FREE RUN
L: FREE RUN
H:LOCK
Q3817
184
161
8
62
84
83
89
90
94
96
20
200
195
7
156
SDA
SCL
C
Y
Y
Pb
Pr
Q3812
Q3813
Q3815
Q3501/Q3507
Q3502/Q3508
Q3503/Q3509
IC3809
SYNC, BUFFER
S-DET.
S-VIDEO IN
VIDEO IN
VIDEO OUT
# 42PWD4 only
AV
R IN
AUDIO IN
L IN
Q3302
IC3301
IC3302
Q3301
Q3801/Q3803/Q3805
Q3306
Q3802
Q3804
LPF
Q3806/Q3807
Q3808
Q3809
Q3810
Q3307
S SELECT
Q3505
Q3504
COMPONENT/RGB IN
Pb/B
Y/G
Pr/R
HD
VD
Q3351
Q3356
Q3357
Q3358
Q3359
Q3352
Q3353
IC3501
DAC - IIC EXPANDER
12
9
4
14
15
SCL
SDA
IC3699
TERMINAL BOARD INFORMATION
EEPROM
6
5
H1
B
A
TO J1
9V
5V
3.3V
STB5V
1
5
9
13
H2
TO J2
Y
Pb
Pr
HD
VD
S2 DET.
AUDIO L
AUDIO R
AV
AUDIO L
AUDIO R
B / Pb
G / Y
R / Pr
HD
VD
RGB/ COMPONENT
SCL3
SDA3
17
19
15
7
9
19
20

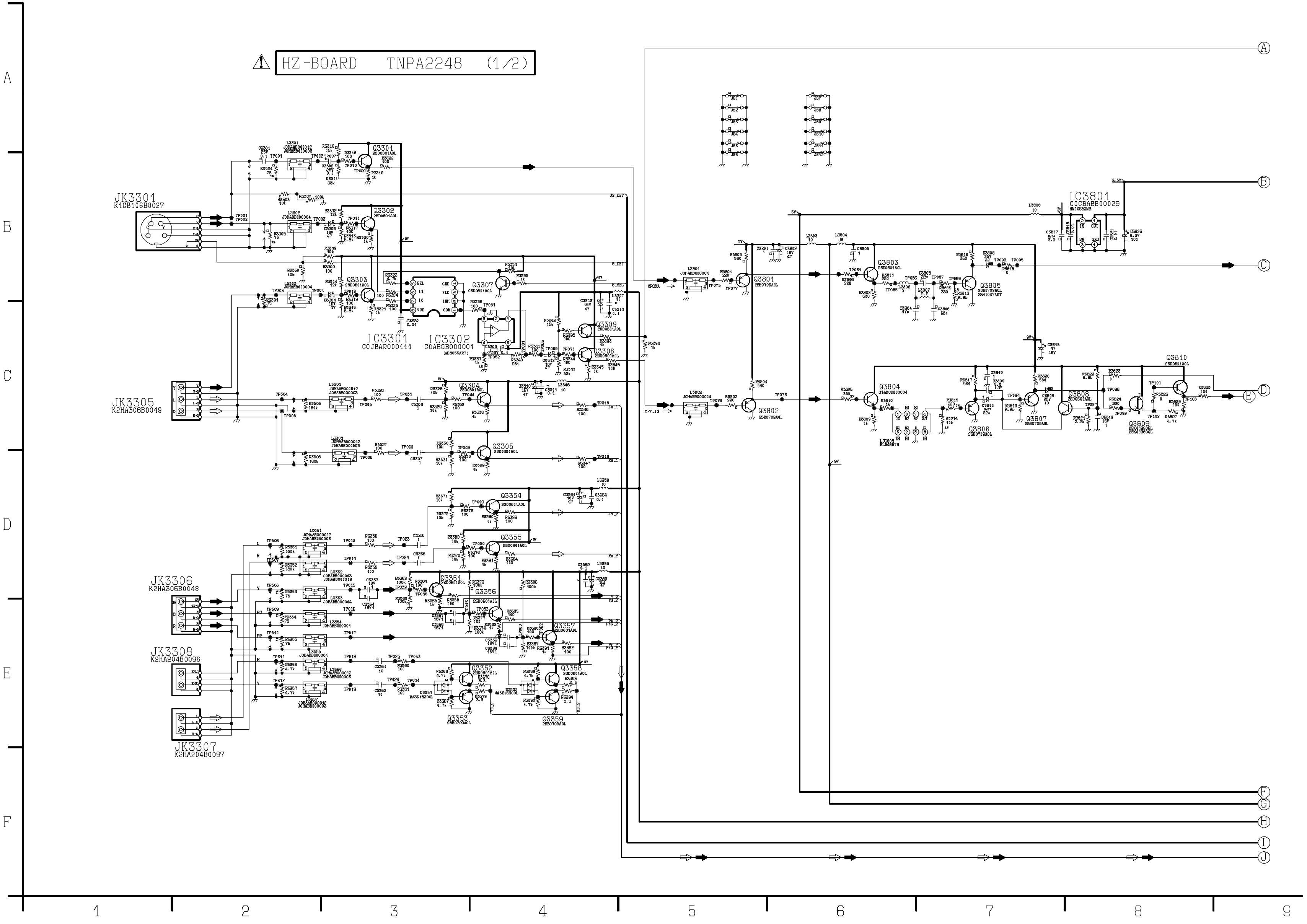
13.14. HY-Board (1/2) (Option TY-42TM4Y) Schematic Diagrams


HY-BOARD TNPA2245 (1/2)
JK3301
K1CB106B0027
JK3302
K1GBB2AB0005
JK3300
K2HA204B0097
JK3303
K2HA204B0097
JK3304
K1QBB5AB0003
IC3301
C0JBAR000111
IC3302
C0ABGB000001
Q3301
Q3302
Q3303
Q3304
Q3305
Q3306
Q3307
Q3309
Q3351
Q3352
Q3353
Q3354
Q3355
Q3356
Q3357
Q3358
Q3359
Q3801
Q3802
Q3803
Q3804
Q3805
Q3806
Q3807
Q3808
CHROMA
Y/Y_IN
A
B
C
D
E
F
G
H
I
J
K
1
2
3
4
5
6
7
8
9

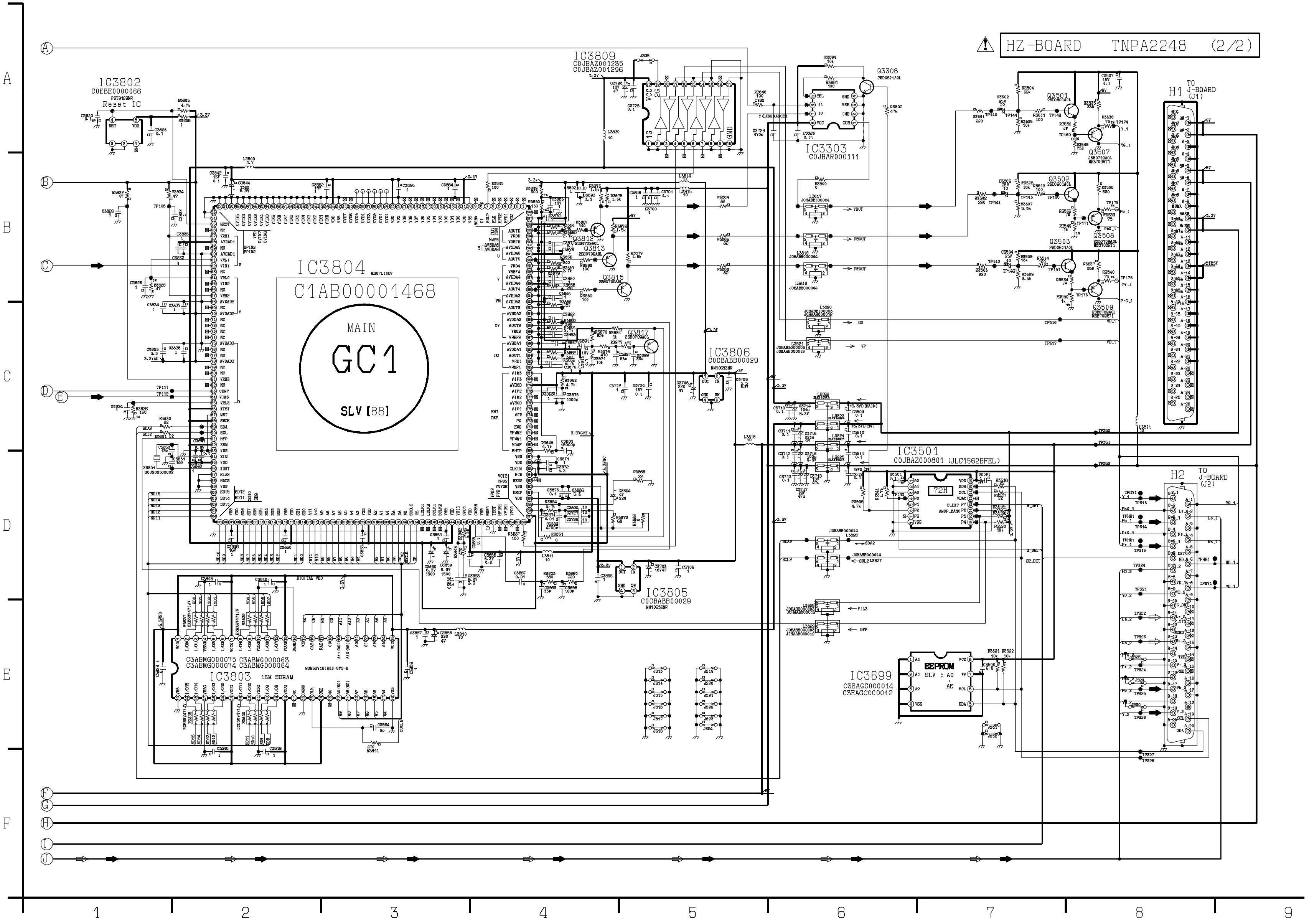
13.15. HY-Board (2/2) (Option TY-42TM4Y) Schematic Diagrams


HY-BOARD TNPA2245 (2/2)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
IC3802
C0EBE0000066
Reset IC
IC3801
C0CBABB00029
Q3810
2SD0601A0L
Q3809
IC3804
C1AB00001468
MAIN
GC1
SLV [88]
IC3803
C3ABMG000075 C3ABMG000063
C3ABMG000074 C3ABMG000064
16M SDRAM
IC3809
C0JBAZ001235
C0JBAZ001296
IC3303
C0JBAR000111
Q3306
Q3812
Q3813
Q3815
Q3817
IC3806
C0CBABB00029
IC3805
C0CBABB00029
Q3501
Q3502
Q3503
Q3507
Q3508
Q3509
IC3501
C0JBAZ000801
(JLC1562BFEL)
72H
IC3699
C3EAGC000014
C3EAGC000012
EEPROM
SLV : A0
AE
H1
TO J-BOARD (J1)
H2
TO J-BOARD (J2)
YOUT
PBOUT
PROUT
HD
VD
SDA2
SCL2
FJL5
HPF
SDA
SCL
3.3V
5V
9V
15V

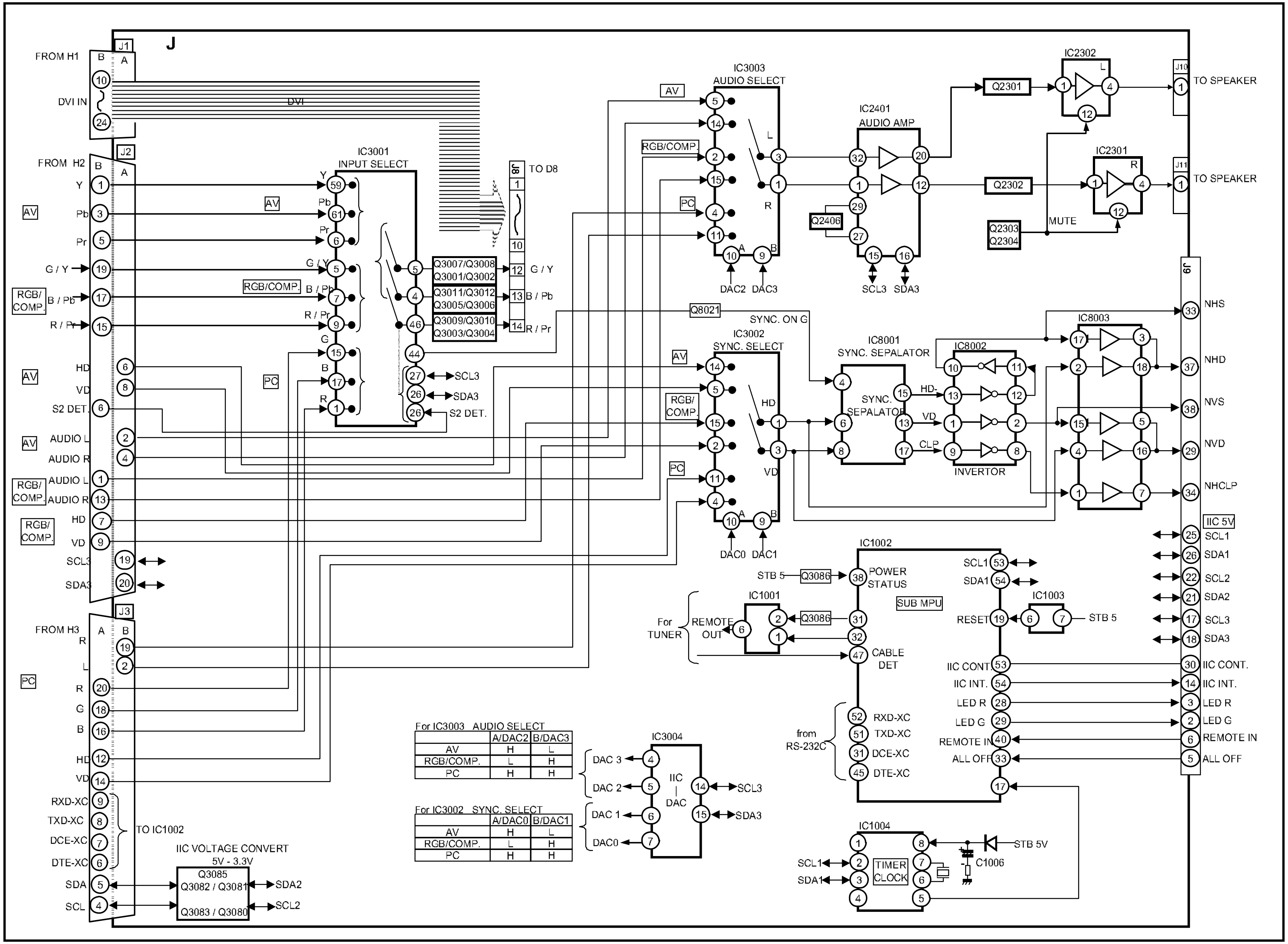
13.16. HZ-Board (1/2) (Option TY-42TM4Z) Schematic Diagram


HZ-BOARD TNPA2248 (1/2)
JK3301
K1CB106B0027
JK3305
K2HA306B0049
JK3306
K2HA306B0048
JK3308
K2HA204B0096
JK3307
K2HA204B0097
IC3301
C0JBAR000111
IC3302
C0ABGB000001
IC3801
C0CBABB00029
Q3301
Q3302
Q3303
Q3304
Q3305
Q3306
Q3307
Q3309
Q3351
Q3352
Q3353
Q3354
Q3355
Q3356
Q3357
Q3358
Q3359
Q3801
Q3802
Q3803
Q3804
Q3805
Q3806
Q3807
Q3808
Q3809
Q3810
CHROMA
Y/V,IN
A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6
7
8
9

13.17. HZ-Board (2/2) (Option TY-42TM4Z) Schematic Diagram


HZ-BOARD TNPA2248 (2/2)
IC3802
C0EBE0000066
Reset IC
IC3809
C0JBAZ001255
C0JBAZ001296
IC3303
C0JBAR000111
Q3308
IC3804
C1AB00001468
MAIN
GC1
SLV [88]
IC3806
C0CBABB00029
IC3805
C0CBABB00029
IC3501
C0JBAZ000601 (JLC1562BFEL)
IC3803
16M SDRAM
C3ABMG000075 C3ABMG000063
C3ABMG000074 C3ABMG000064
IC3699
C3EAGC000014
C3EAGC000012
EEPROM
Q3501
Q3502
Q3503
Q3507
Q3508
Q3509
Q3812
Q3813
Q3815
Q3817
H1
TO J-BOARD (J1)
H2
TO J-BOARD (J2)
YOUT
PBOUT
PROUT
HD
VP
DIGITAL VDD
A
B
C
D
E
F
G
H
I
J
1
2
3
4
5
6
7
8
9

13.18. J-Board Block Diagrams


J
J1
FROM H1
DVI IN
DVI
J2
FROM H2
Y
Pb
Pr
G / Y
B / Pb
R / Pr
HD
VD
S2 DET.
AUDIO L
AUDIO R
SCL3
SDA3
AV
RGB/COMP.
PC
J3
FROM H3
RXD-XC
TXD-XC
DCE-XC
DTE-XC
SDA
SCL
TO IC1002
IIC VOLTAGE CONVERT
5V - 3.3V
Q3085
Q3082 / Q3081
Q3083 / Q3080
SDA2
SCL2
IC3001
INPUT SELECT
Q3007/Q3008
Q3001/Q3002
Q3011/Q3012
Q3005/Q3006
Q3009/Q3010
Q3003/Q3004
J8
TO D8
S2 DET.
IC3003
AUDIO SELECT
DAC2
DAC3
IC2401
AUDIO AMP
Q2406
Q2301
Q2302
Q2303
Q2304
MUTE
IC2302
IC2301
J10
J11
TO SPEAKER
TO SPEAKER
Q8021
SYNC. ON G
IC3002
SYNC. SELECT
DAC0
DAC1
IC8001
SYNC. SEPALATOR
HD-
VD
CLP
IC8002
INVERTOR
IC8003
J9
NHS
NHD
NVS
NVD
NHCLP
IIC 5V
SCL1
SDA1
SCL2
SDA2
SCL3
SDA3
IIC CONT.
IIC INT.
LED R
LED G
REMOTE IN
ALL OFF
IC1002
POWER STATUS
SUB MPU
STB 5
Q3086
IC1001
For TUNER
REMOTE OUT
CABLE DET
from RS-232C
RXD-XC
TXD-XC
DCE-XC
DTE-XC
RESET
IC1003
STB 5
IC3004
IIC
DAC
DAC 3
DAC 2
DAC 1
DAC0
IC1004
TIMER CLOCK
STB 5V
C1006

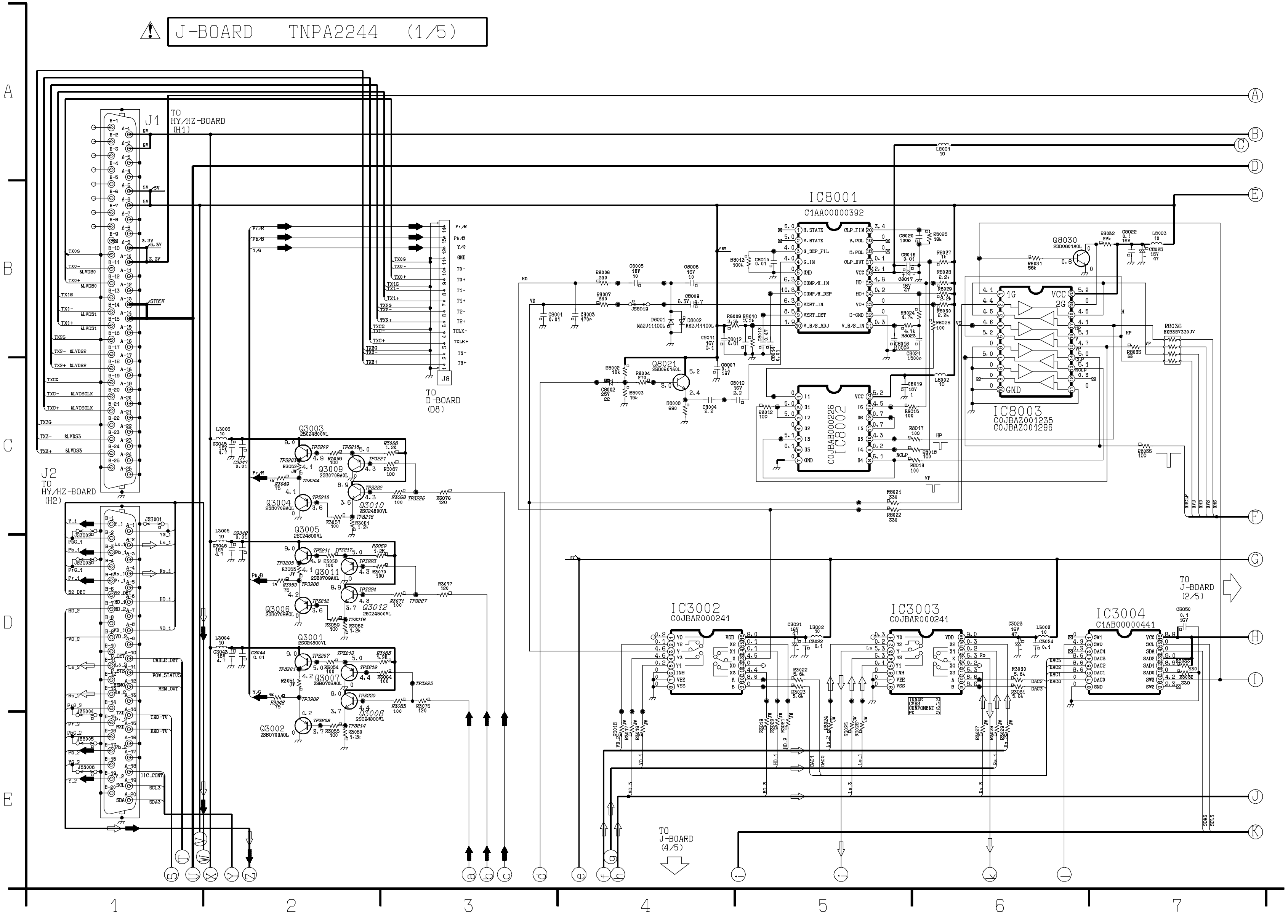
For IC3003 AUDIO SELECT

	A/DAC2	B/DAC3
AV	H	L
RGB/COMP.	L	H
PC	H	H

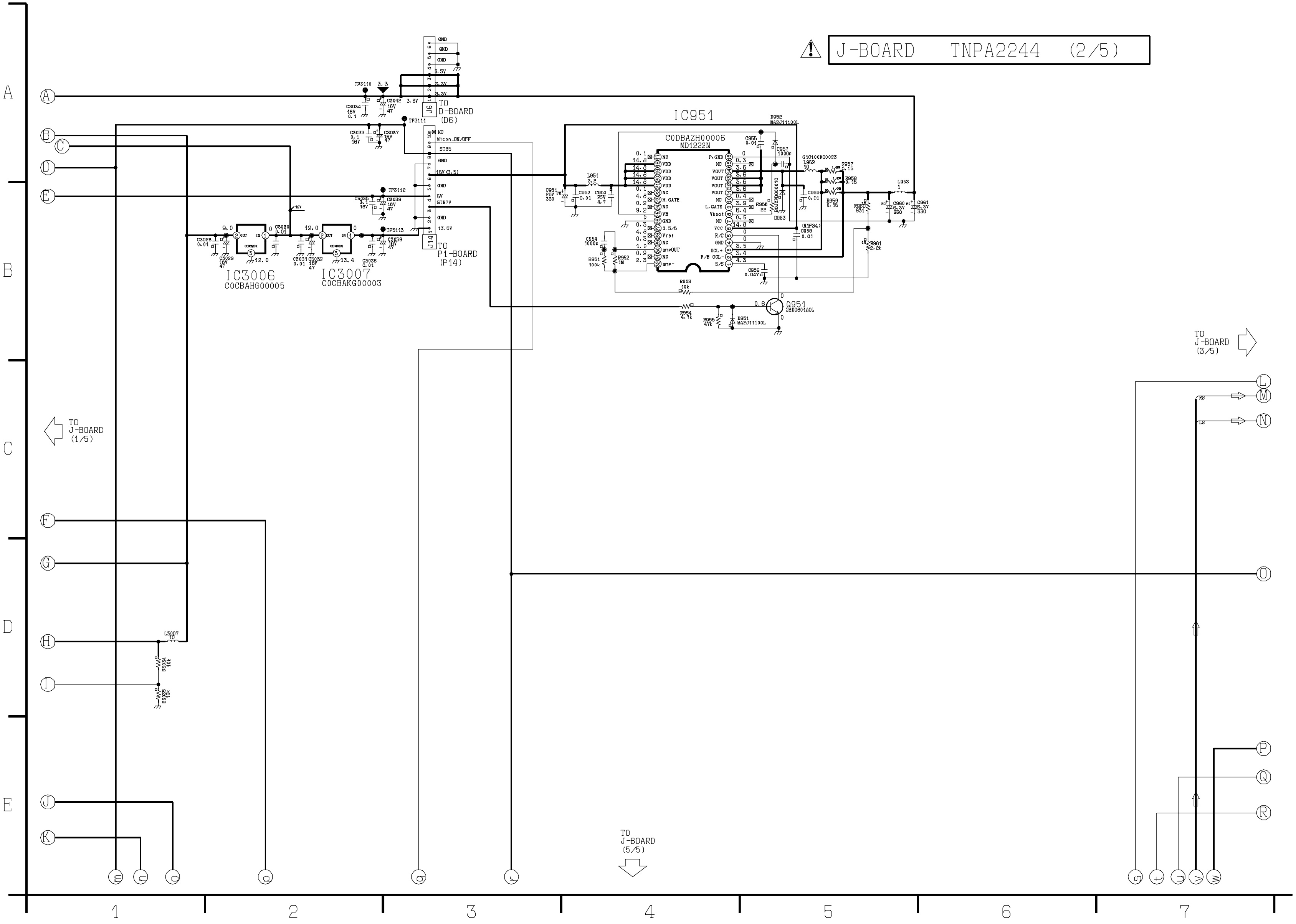
For IC3002 SYNC. SELECT

	A/DAC0	B/DAC1
AV	H	L
RGB/COMP.	L	H
PC	H	H

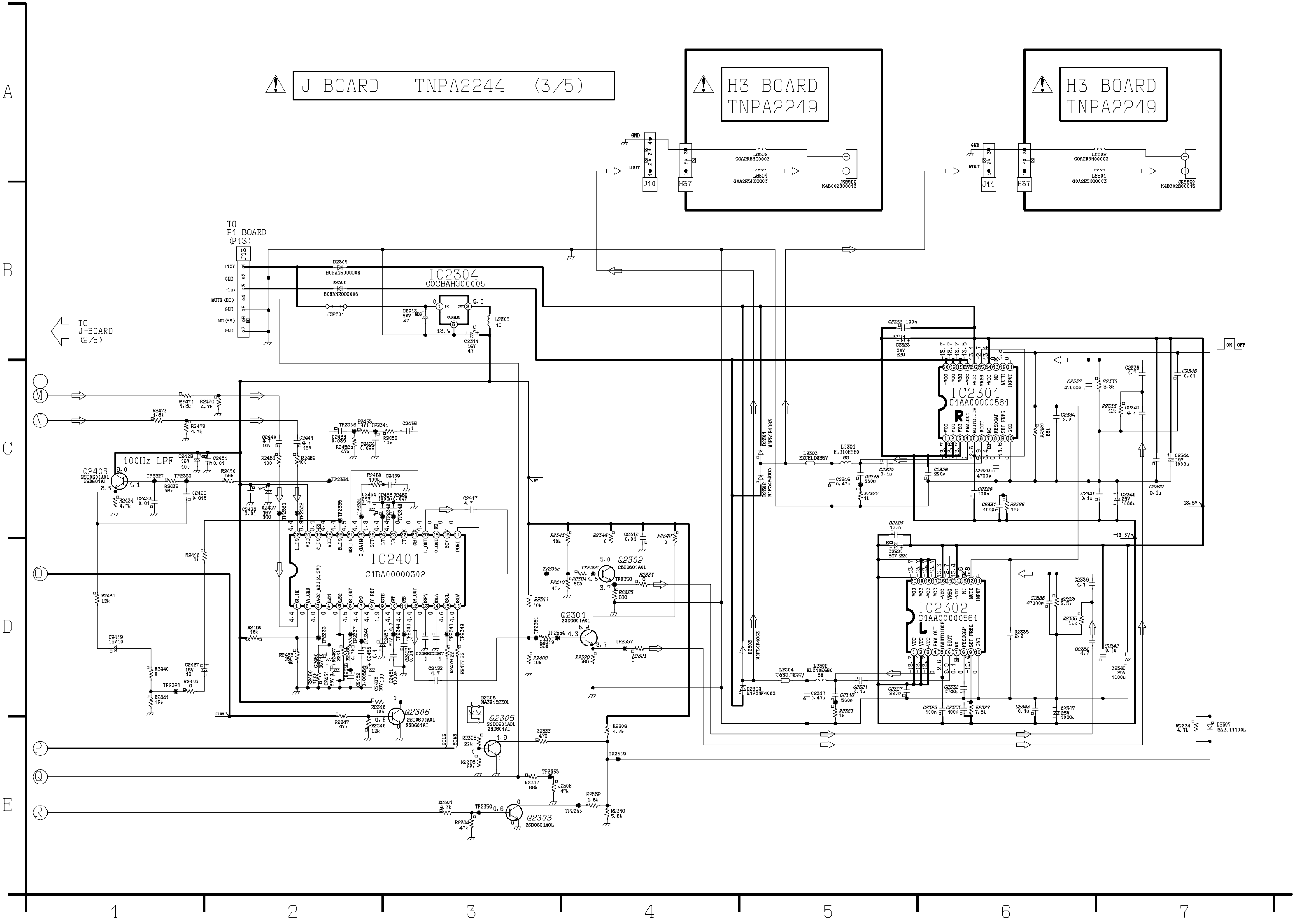
13.19. J-Board (1/5) Schematic Diagrams


J-BOARD TNPA2244 (1/5)
J1
TO HY/HZ-BOARD (H1)
J2
TO HY/HZ-BOARD (H2)
J8
TO D-BOARD (D8)
IC8001
C1AA00000392
IC8002
C0JBAB000226
IC8003
C0JBAZ001235
C0JBAZ001296
Q8030
2SD0601A0L
Q8021
2SD0601A0L
Q3001
Q3002
Q3003
Q3004
Q3005
Q3006
Q3007
Q3008
Q3009
Q3010
Q3011
Q3012
IC3002
C0JBAR000241
IC3003
C0JBAR000241
IC3004
C1AB00000441
TO J-BOARD (2/5)
TO J-BOARD (4/5)
A
B
C
D
E
1
2
3
4
5
6
7
Ⓐ
Ⓑ
Ⓒ
Ⓓ
Ⓔ
Ⓕ
Ⓖ
Ⓗ
Ⓘ
Ⓙ
Ⓚ

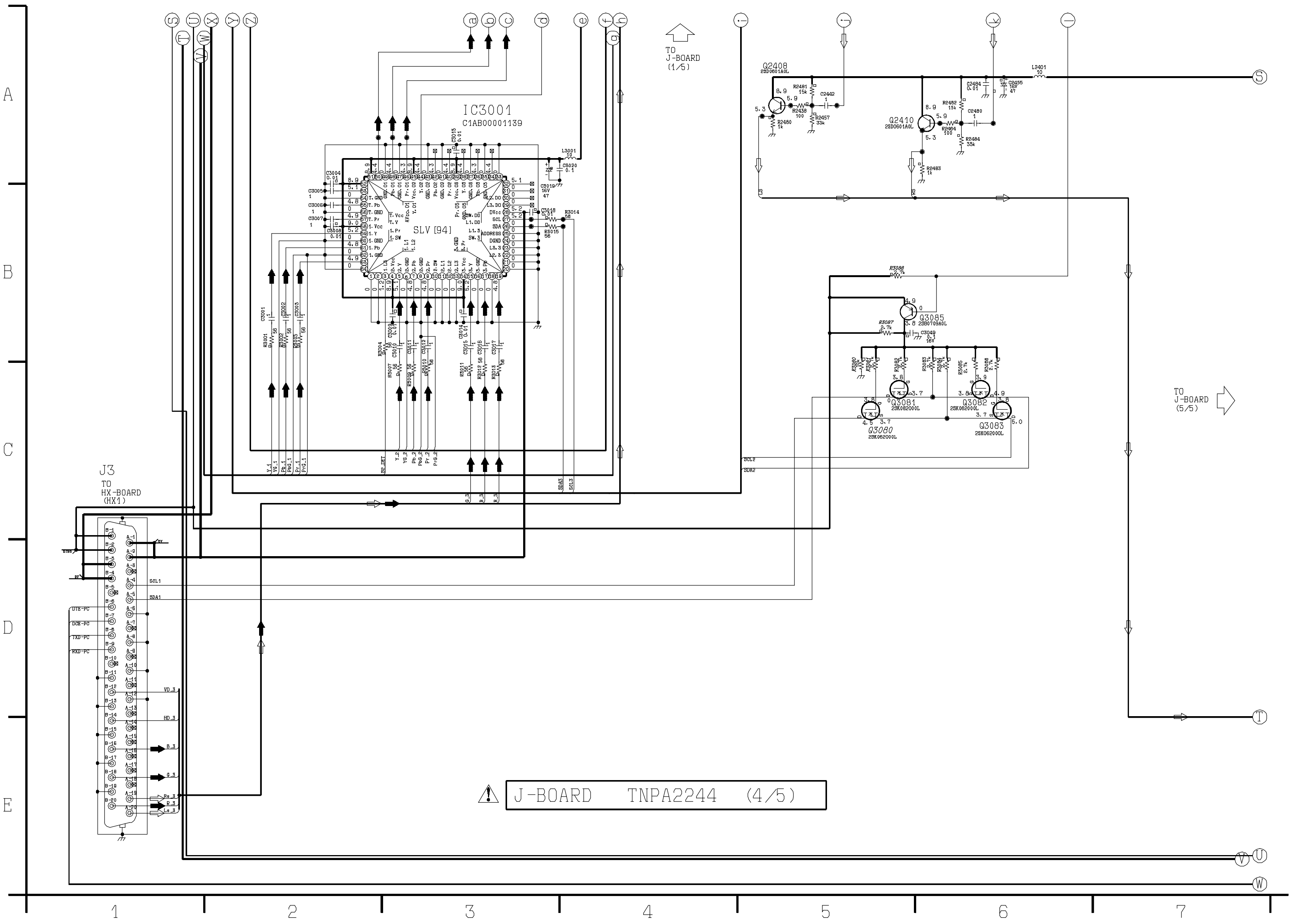
13.20. J-Board (2/5) Schematic Diagrams


J-BOARD TNPA2244 (2/5)
IC951
C0DBAZH00006
MD1222N
IC3006
C0CBAHG00005
IC3007
C0CBAKG00003
Q951
TO D-BOARD (D6)
TO P1-BOARD (P14)
TO J-BOARD (3/5)
TO J-BOARD (1/5)
TO J-BOARD (5/5)
J6
J14
TP3110
TP3111
TP3112
TP3113
L951
L952
L953
L3007
D951
D952
D953
A
B
C
D
E
1
2
3
4
5
6
7

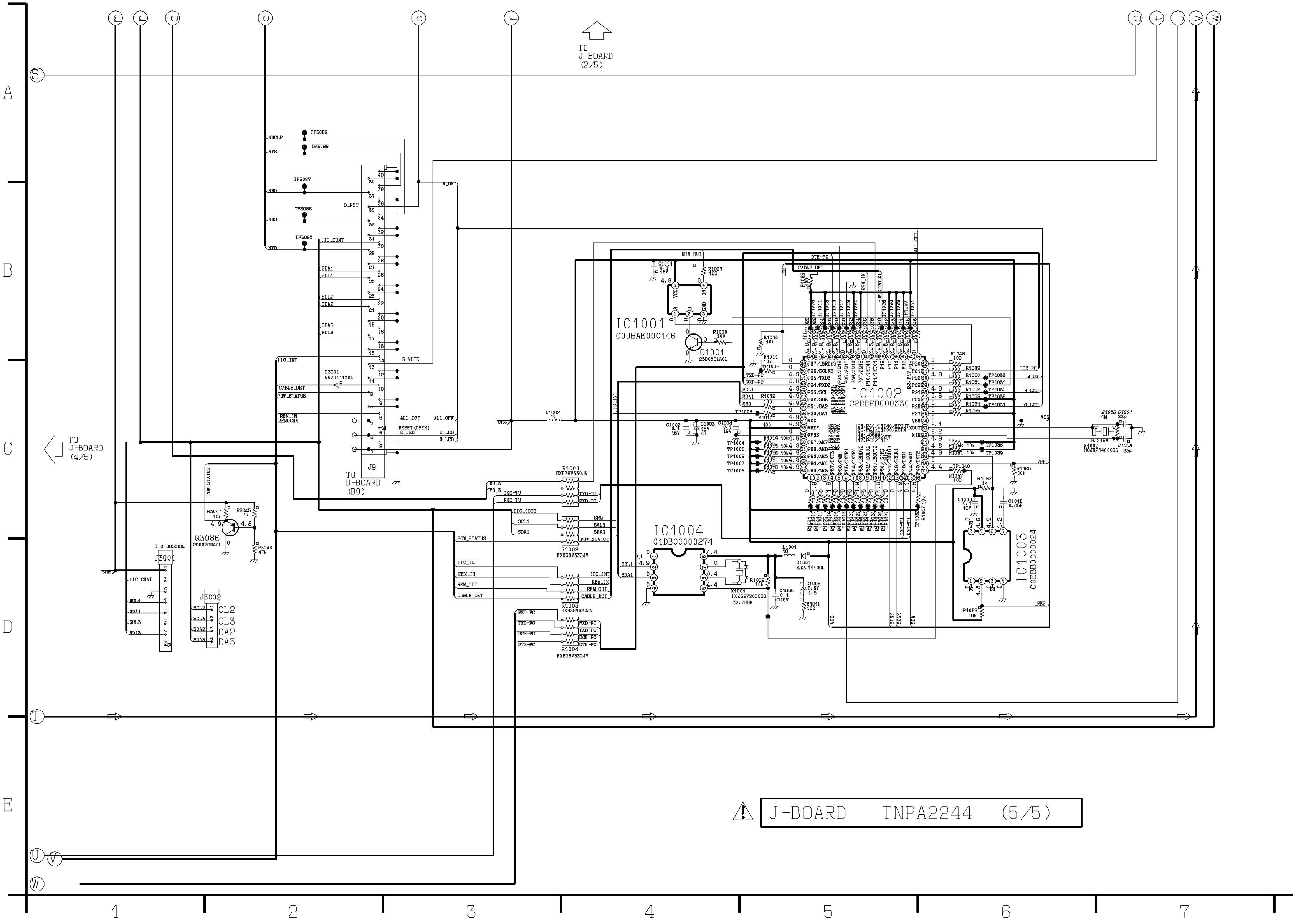
13.21. J-Board (3/5) and H3-Board Schematic Diagrams


J-BOARD TNPA2244 (3/5)
H3-BOARD TNPA2249
H3-BOARD TNPA2249
TO P1-BOARD (P13)
P13
TO J-BOARD (2/5)
+15V
GND
-15V
MUTE (NC)
NC (5V)
D2305 B0HANR000006
D2306 B0HANR000006
JS2301
IC2304 C0CBAHG00005
C2313 50V 47
C2314 16V 47
L2308 10
IC2401 C1BA00000302
100Hz LPF
Q2406 2SD0601A0L 2SD601AI
IC2301 C1AA00000561
IC2302 C1AA00000561
Q2302 2SD0601A0L
Q2301 2SD0601A0L
Q2306 2SD0601A0L 2SD601AI
Q2305 2SD0601A0L 2SD601AI
Q2303 2SD0601A0L
D2305 MA3X152E0L
D2301 M1F34F4063
D2302 M1F34F4063
D2303 M1F34F4063
D2304 M1F34F4063
D2307 MA2J11100L
L2303 EXCELDR35V
L2304 EXCELDR35V
L2301 ELC10E680 68
L2302 ELC10E680 68
LOUT
ROUT
GND
J10
H37
J11
H37
L8502 G0A2R5H00003
L8501 G0A2R5H00003
JK8500 K4BC02B00013
ON OFF
13.5V
-13.5V
L
M
N
O
P
Q
R
A
B
C
D
E
1
2
3
4
5
6
7

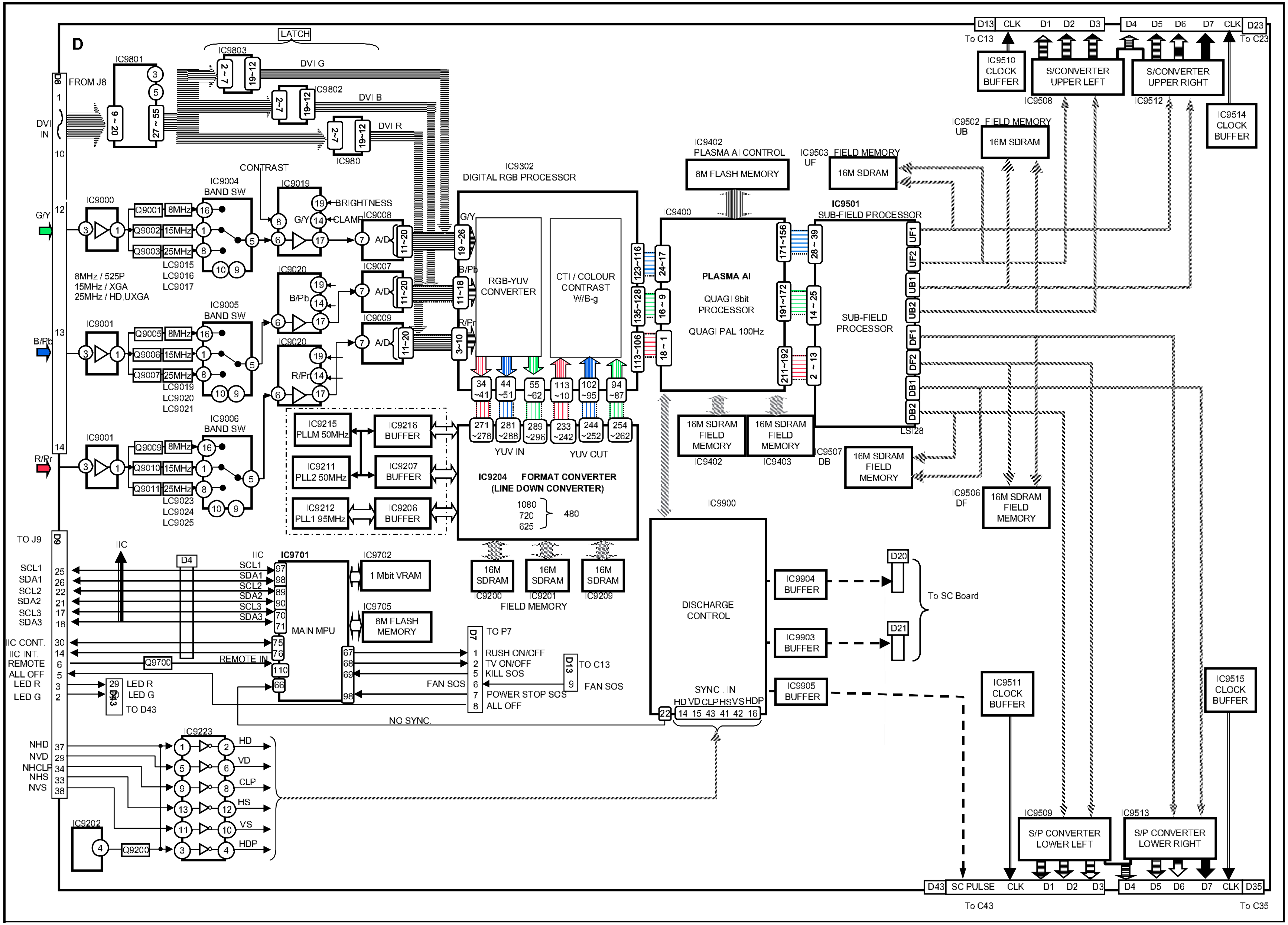
13.22. J-Board (4/5) Schematic Diagrams


A
B
C
D
E
1
2
3
4
5
6
7
S
T
U
V
W
X
Y
Z
a
b
c
d
e
f
g
h
i
j
k
l
TO
J-BOARD
(1/5)
IC3001
C1AB00001139
SLV [94]
L3001
C3015
C3020
C3019
R3014
R3015
C3004
C3005
C3006
C3007
C3008
C3001
C3002
C3003
R3001
R3002
R3003
Q2408
2SD0601A0L
Q2410
2SD0601A0L
R2481
R2480
R2438
C2442
R2457
R2482
R2464
C2480
R2484
R2483
C2484
C2455
L2401
R3086
R3087
Q3085
2SB0709A0L
C3049
Q3080
2SK0620000L
Q3081
2SK0620000L
Q3082
2SK0620000L
Q3083
2SK0620000L
TO
J-BOARD
(5/5)
J3
TO
HX-BOARD
(HX1)
SCL1
SDA1
SCL2
SDA2
VD_3
HD_3
B_3
G_3
R_3
DTR-PC
DCD-PC
TXD-PC
RXD-PC
J-BOARD TNPA2244 (4/5)

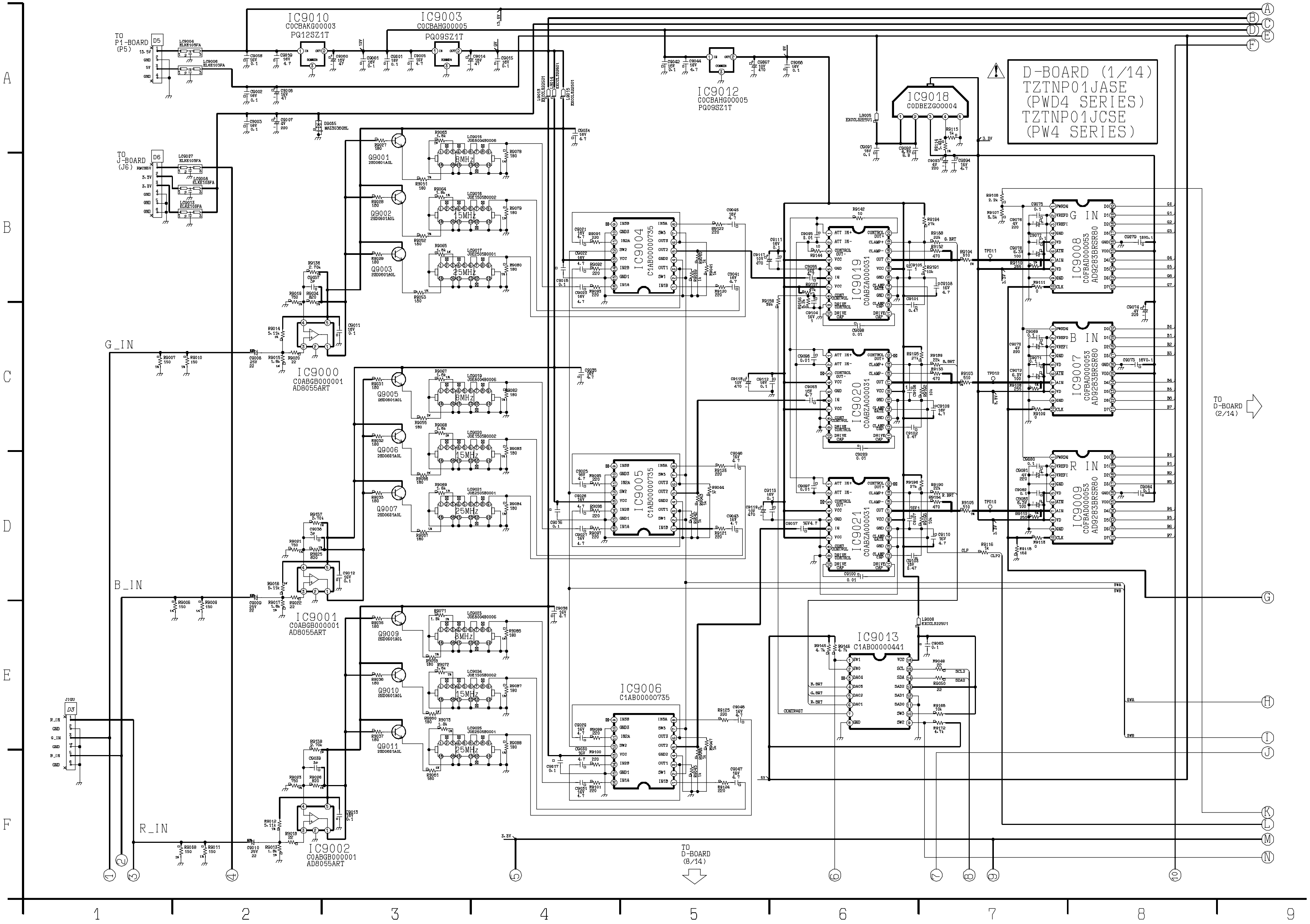
13.23. J-Board (5/5) Schematic Diagrams


TO
J-BOARD
(2/5)
TO
J-BOARD
(4/5)
TO
D-BOARD
(D9)
J9
IC1001
C0JBAE000146
Q1001
2SD0601A0L
IC1002
C2BBFD000330
IC1004
C1DB00000274
IC1003
C0EBB0000024
Q3086
2SB0709A0L
J3001
J3002
CL2
CL3
DA2
DA3
D3001
MA2J11100L
D1001
MA2J11100L
X1001
32.768K
X1002
R1001
EXB38V330JV
R1002
EXB38V330JV
R1003
EXB38V330JV
R1004
EXB38V330JV
L1001
L1002
J-BOARD TNPA2244 (5/5)
A
B
C
D
E
1
2
3
4
5
6
7

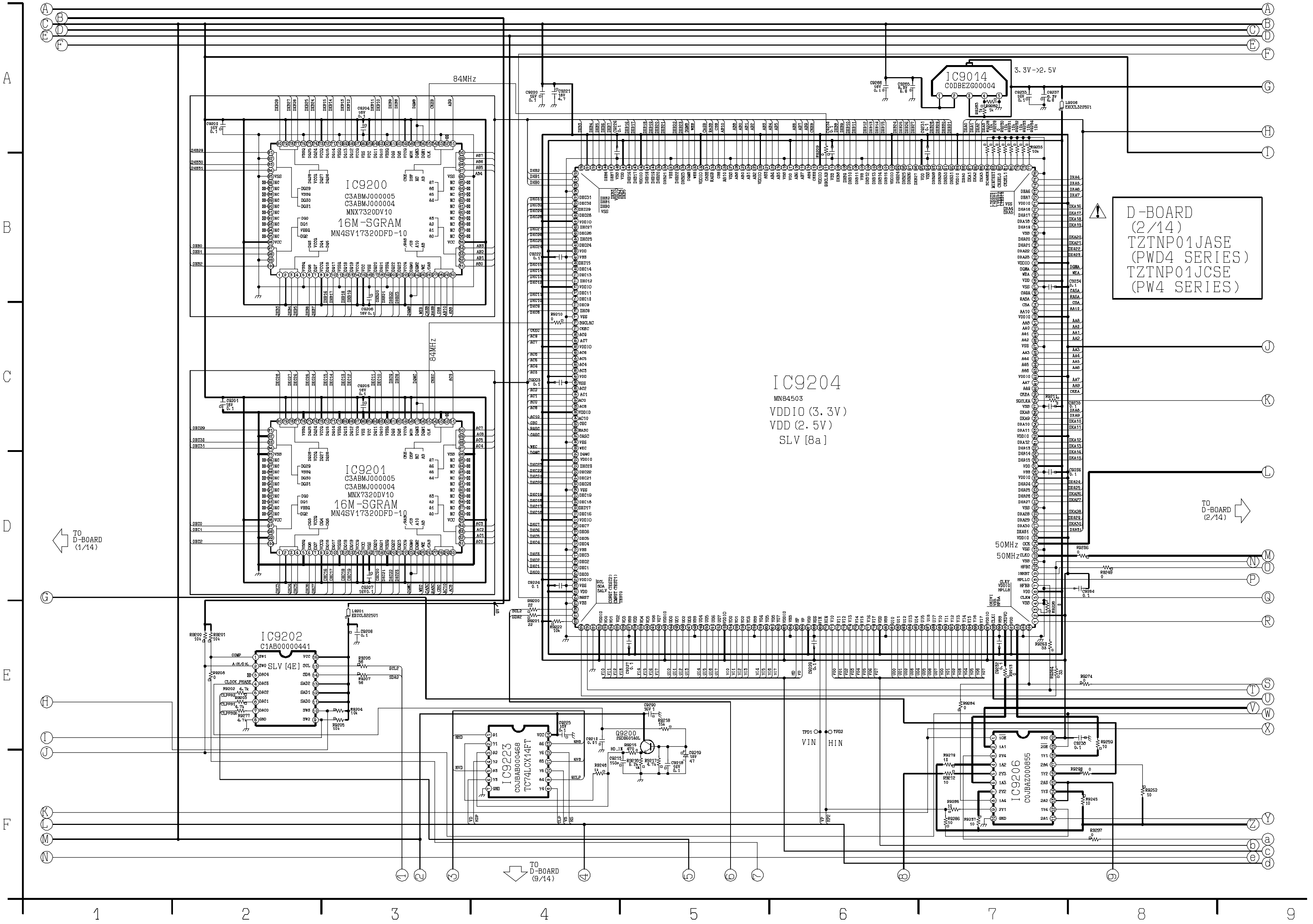
13.24. D-Block Diagrams


D
LATCH
IC9801
IC9803
DVI G
IC9802
DVI B
DVI R
IC980
D8
FROM J8
DVI IN
9 ~ 20
27 ~ 55
2~7
19~12
CONTRAST
IC9004 BAND SW
IC9019
BRIGHTNESS
CLAMP
IC9008
A/D
11~20
IC9000
G/Y
Q9001 8MHz
Q9002 15MHz
Q9003 25MHz
LC9015
LC9016
LC9017
8MHz / 525P
15MHz / XGA
25MHz / HD,UXGA
IC9020
B/Pb
IC9007
IC9005 BAND SW
IC9009
IC9001
Q9005 8MHz
Q9006 15MHz
Q9007 25MHz
LC9019
LC9020
LC9021
R/Pr
IC9006 BAND SW
Q9009 8MHz
Q9010 15MHz
Q9011 25MHz
LC9023
LC9024
LC9025
IC9302 DIGITAL RGB PROCESSOR
RGB-YUV CONVERTER
CTI / COLOUR CONTRAST W/B-g
19~26
11~18
3~10
34 ~41
44 ~51
55 ~62
113 ~10
102 ~95
94 ~87
271 ~278
281 ~288
289 ~296
233 ~242
244 ~252
254 ~262
YUV IN
YUV OUT
IC9215 PLLM 50MHz
IC9216 BUFFER
IC9211 PLL2 50MHz
IC9207 BUFFER
IC9212 PLL1 95MHz
IC9206 BUFFER
IC9204 FORMAT CONVERTER (LINE DOWN CONVERTER)
1080 720 625 480
16M SDRAM
IC9200
IC9201
IC9209
FIELD MEMORY
IC9402 PLASMA AI CONTROL
8M FLASH MEMORY
IC9400
PLASMA AI
QUAGI 9bit PROCESSOR
QUAGI PAL 100Hz
123~116
135~128
113~106
24~17
16 ~ 9
18 ~ 1
171~156
191~172
211~192
28 ~ 39
14 ~ 25
2 ~ 13
16M SDRAM FIELD MEMORY
IC9402
IC9403
IC9503 FIELD MEMORY UF
16M SDRAM
IC9501 SUB-FIELD PROCESSOR
SUB-FIELD PROCESSOR
UF1 UF2 UB1 UB2 DF1 DF2 DB1 DB2
LSI28
IC9507 DB
16M SDRAM FIELD MEMORY
IC9506 DF
IC9502 FIELD MEMORY UB
IC9510 CLOCK BUFFER
S/CONVERTER UPPER LEFT
IC9508
S/CONVERTER UPPER RIGHT
IC9512
IC9514 CLOCK BUFFER
D13 CLK D1 D2 D3
D4 D5 D6 D7 CLK D23
To C13
To C23
IC9900
DISCHARGE CONTROL
SYNC . IN
HD VD CLP HS VS HDP
22 14 15 43 41 42 16
IC9904 BUFFER
IC9903 BUFFER
IC9905 BUFFER
D20
D21
To SC Board
IC9511 CLOCK BUFFER
IC9515 CLOCK BUFFER
IC9509 S/P CONVERTER LOWER LEFT
IC9513 S/P CONVERTER LOWER RIGHT
D43 SC PULSE CLK D1 D2 D3
D4 D5 D6 D7 CLK D35
To C43
To C35
TO J9
D9
SCL1 25
SDA1 26
SCL2 22
SDA2 21
SCL3 17
SDA3 18
IIC CONT. 30
IIC INT. 14
REMOTE 6
ALL OFF 5
LED R 3
LED G 2
IIC
D4
IC9701
MAIN MPU
97 98 89 90 70 71 75 76 110 66 67 68 69 98
Q9700
REMOTE IN
D43
LED R
LED G
TO D43
IC9702 1 Mbit VRAM
IC9705 8M FLASH MEMORY
D7 TO P7
1 RUSH ON/OFF
2 TV ON/OFF
5 KILL SOS
6 FAN SOS
7 POWER STOP SOS
8 ALL OFF
D13 TO C13
FAN SOS
NO SYNC.
IC9223
NHD 37
NVD 29
NHCLP 34
NHS 33
NVS 38
HD VD CLP HS VS HDP
IC9202
Q9200

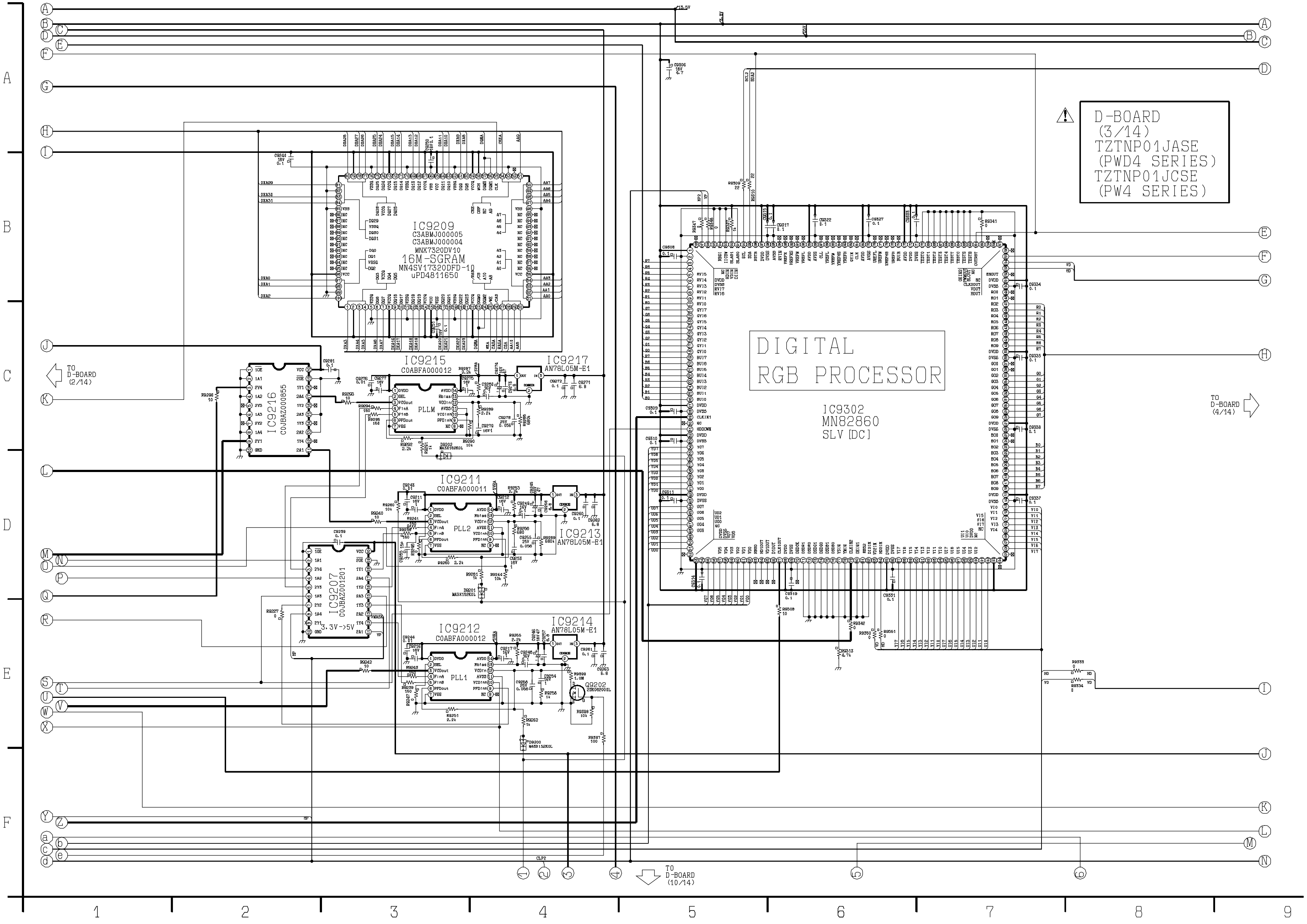
13.25. D-Board (1/14) Schematic Diagrams


D-BOARD (1/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
IC9010
C0CBAHG00003
PQ12SZ1T
IC9003
C0CBAHG00005
PQ09SZ1T
IC9012
C0CBAHG00005
PQ09SZ1T
IC9018
C0DBEZG00004
TO
P1-BOARD
(P5)
D5
TO
J-BOARD
(J6)
D6
J101
D3
G_IN
B_IN
R_IN
IC9000
C0ABGB000001
AD8055ART
IC9001
C0ABGB000001
AD8055ART
IC9002
C0ABGB000001
AD8055ART
Q9001
Q9002
Q9003
Q9005
Q9006
Q9007
Q9009
Q9010
Q9011
8MHz
15MHz
25MHz
IC9004
C1AB00000735
IC9005
C1AB00000735
IC9006
C1AB00000735
IC9019
C0AB2A000031
IC9020
C0AB2A000031
IC9021
C0AB2A000031
IC9008
C0FBAD000053
AD9283BRSR80
G IN
IC9007
C0FBAD000053
AD9283BRSR80
B IN
IC9009
C0FBAD000053
AD9283BRSR80
R IN
IC9013
C1AB00000441
TO
D-BOARD
(2/14)
TO
D-BOARD
(8/14)
A
B
C
D
E
F
G
H
I
J
K
L
M
N
1
2
3
4
5
6
7
8
9

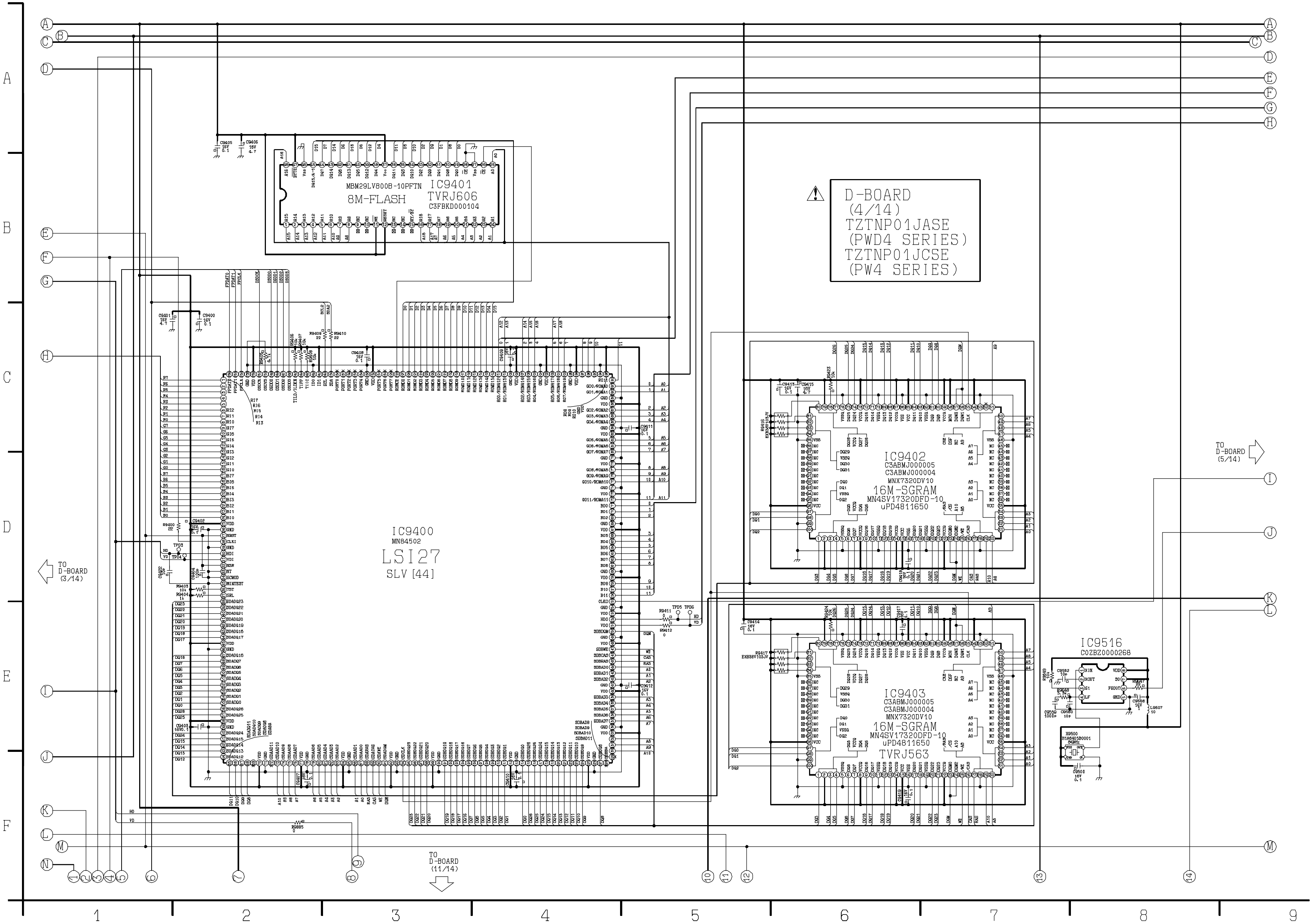
13.26. D-Board (2/14) Schematic Diagrams


IC9200
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
IC9201
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
84MHz
IC9204
MN84503
VDDIO(3.3V)
VDD(2.5V)
SLV[8a]
IC9014
C0DBEZG00004
3.3V->2.5V
IC9202
C1AB00000441
SLV[4E]
IC9223
C0JBAB000468
TC74LCX14FT
Q9200
IC9206
C0JBAZ000855
50MHz
50MHz
D-BOARD
(2/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO
D-BOARD
(1/14)
TO
D-BOARD
(2/14)
TO
D-BOARD
(9/14)
VIN
HIN
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

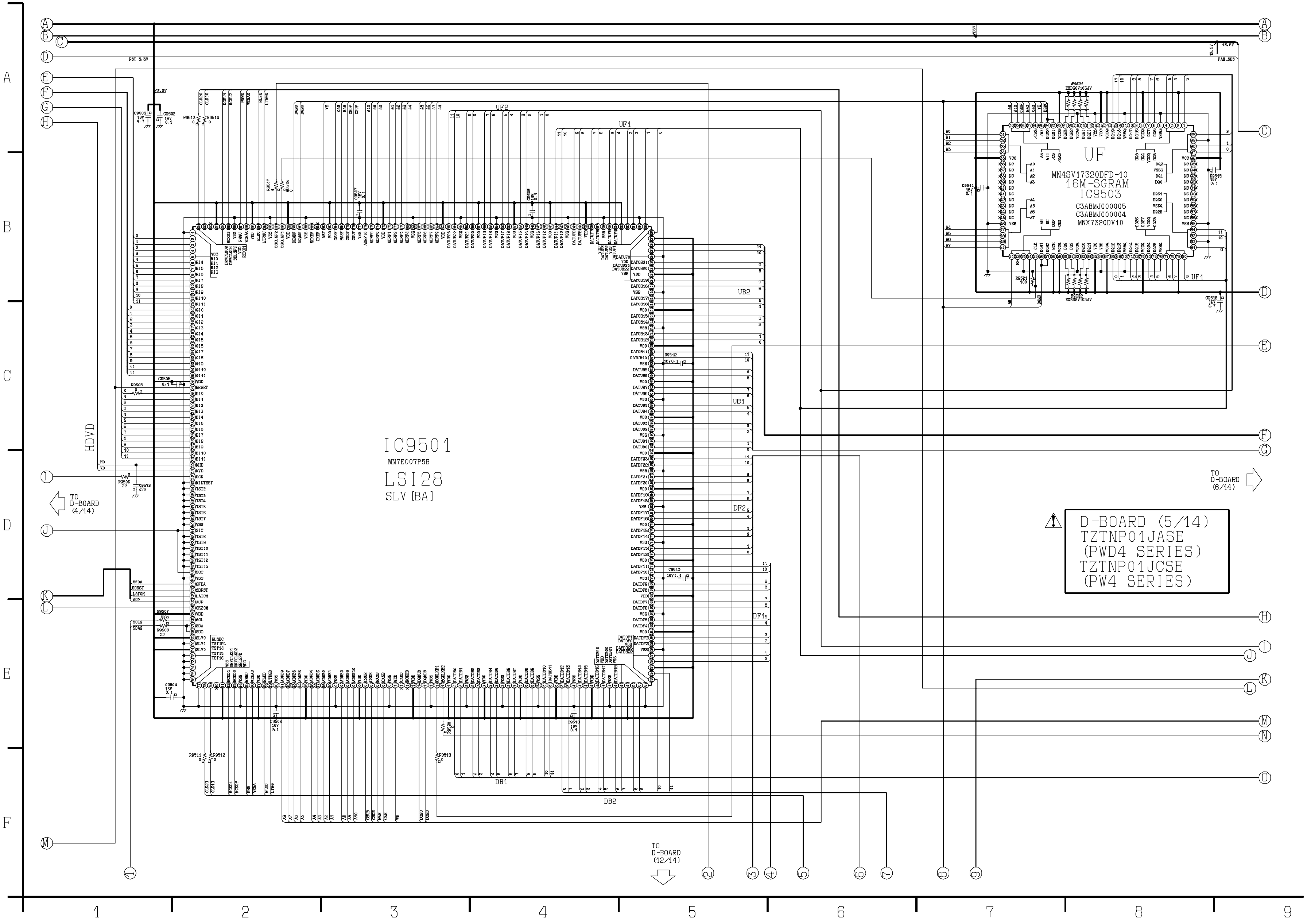
13.27. D-Board (3/14) Schematic Diagrams


D-BOARD
(3/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
IC9209
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
uPD4811650
IC9215
C0ABFA000012
PLLM
IC9217
AN78L05M-E1
IC9216
C0JBAZ000855
TO
D-BOARD
(2/14)
IC9211
C0ABFA000011
PLL2
IC9213
AN78L05M-E1
IC9207
C0JBAZ001201
3.3V->5V
IC9212
C0ABFA000012
PLL1
IC9214
AN78L05M-E1
Q9202
2SK0620OOL
DIGITAL
RGB PROCESSOR
IC9302
MN82860
SLV [DC]
TO
D-BOARD
(4/14)
TO
D-BOARD
(10/14)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

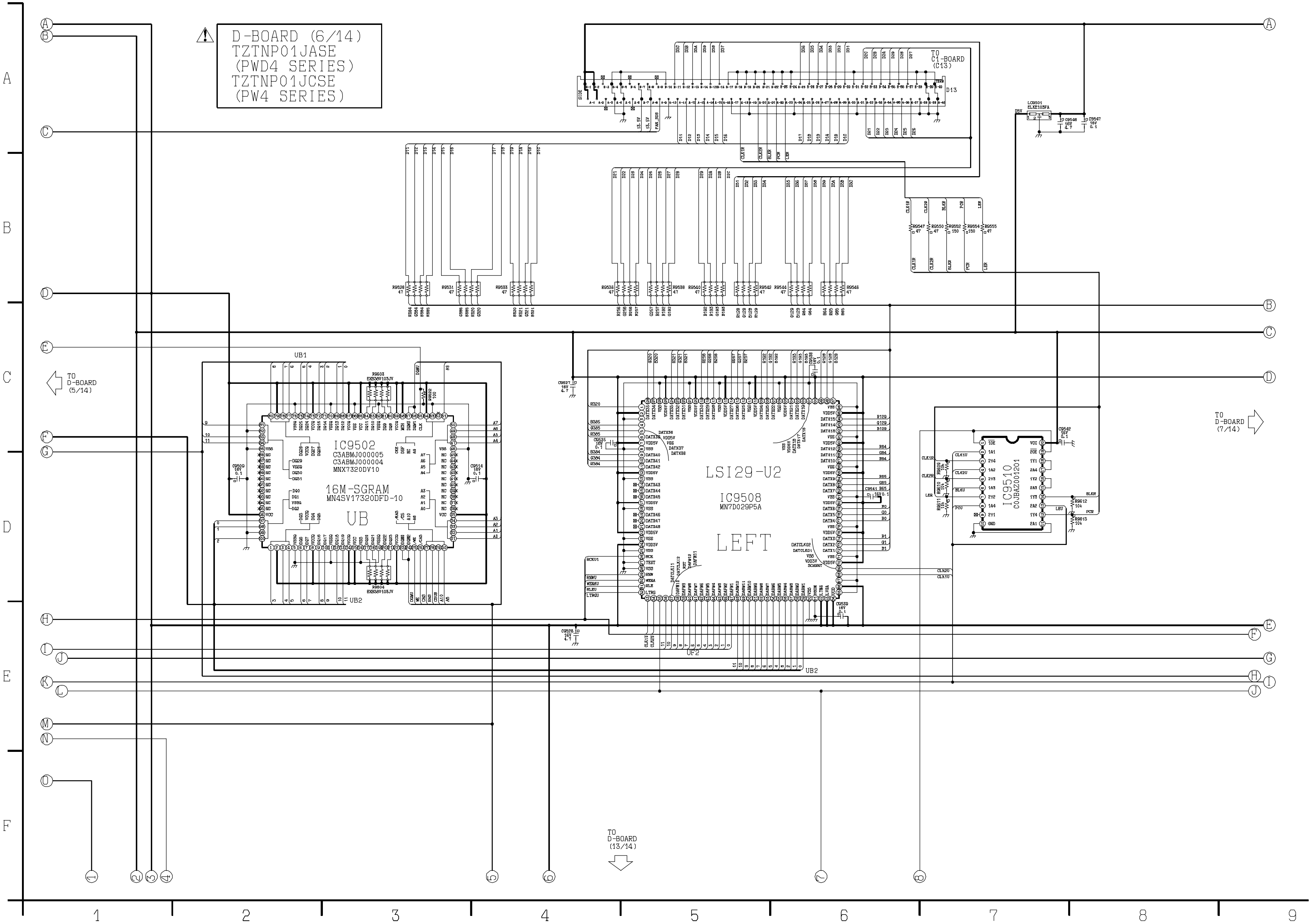
13.28. D-Board (4/14) Schematic Diagrams


D-BOARD
(4/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
IC9401
TVRJ606
C3FBKD000104
MBM29LV800B-10PFTN
8M-FLASH
IC9400
MN84502
LSI27
SLV [44]
IC9402
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
uPD4811650
IC9403
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
uPD4811650
TVRJ563
IC9516
C0ZBZ0000268
TO D-BOARD (3/14)
TO D-BOARD (5/14)
TO D-BOARD (11/14)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

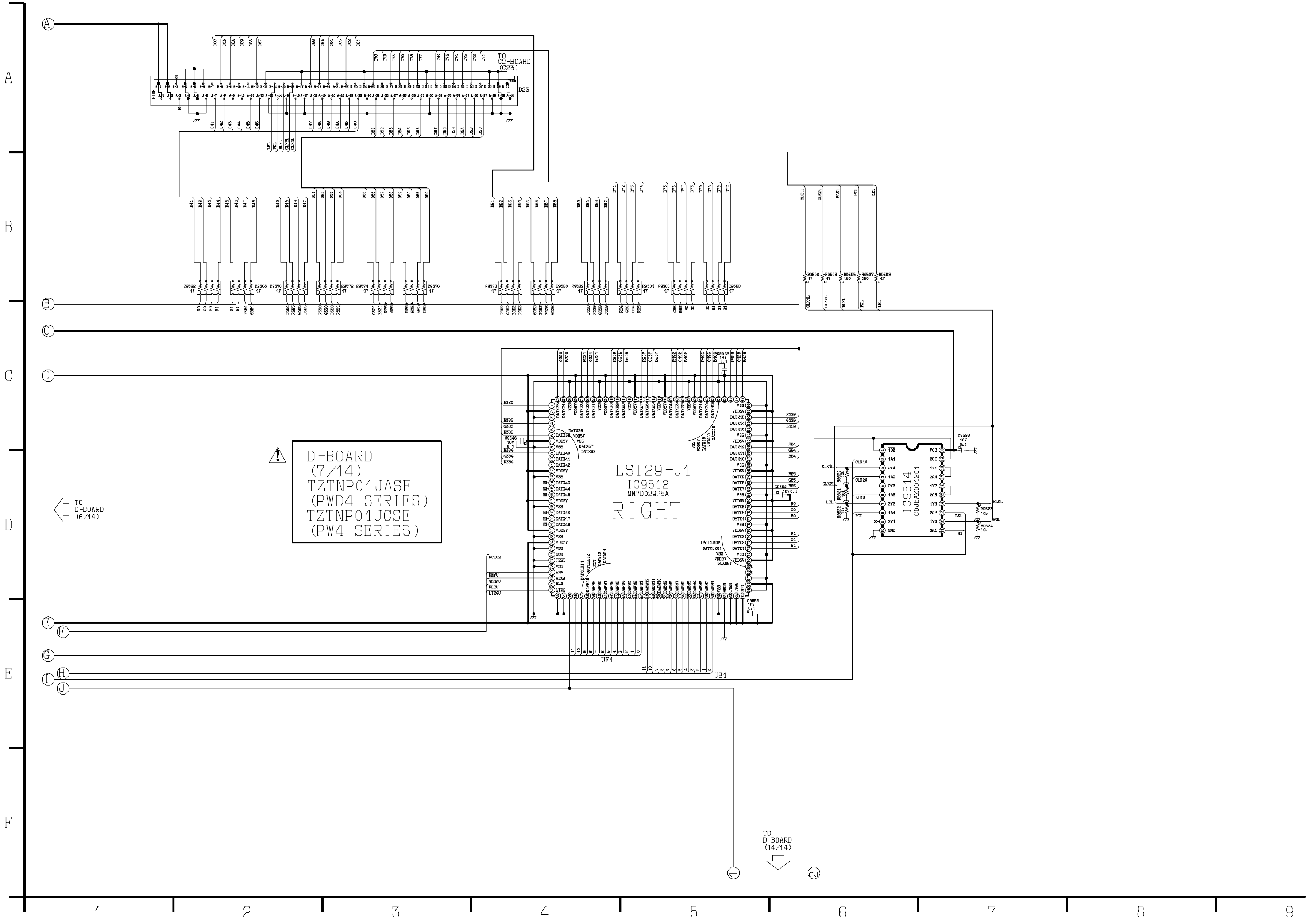
13.29. D-Board (5/14) Schematic Diagrams


IC9501
MN7E007P5B
LSI28
SLV [BA]
UF
MN4SV17320DFD-10
16M-SGRAM
IC9503
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
HDVD
UF1
UF2
UB1
UB2
DF1
DF2
DB1
DB2
TO D-BOARD (4/14)
TO D-BOARD (6/14)
TO D-BOARD (12/14)
D-BOARD (5/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
RST 3.3V
FAN.203
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

13.30. D-Board (6/14) Schematic Diagrams

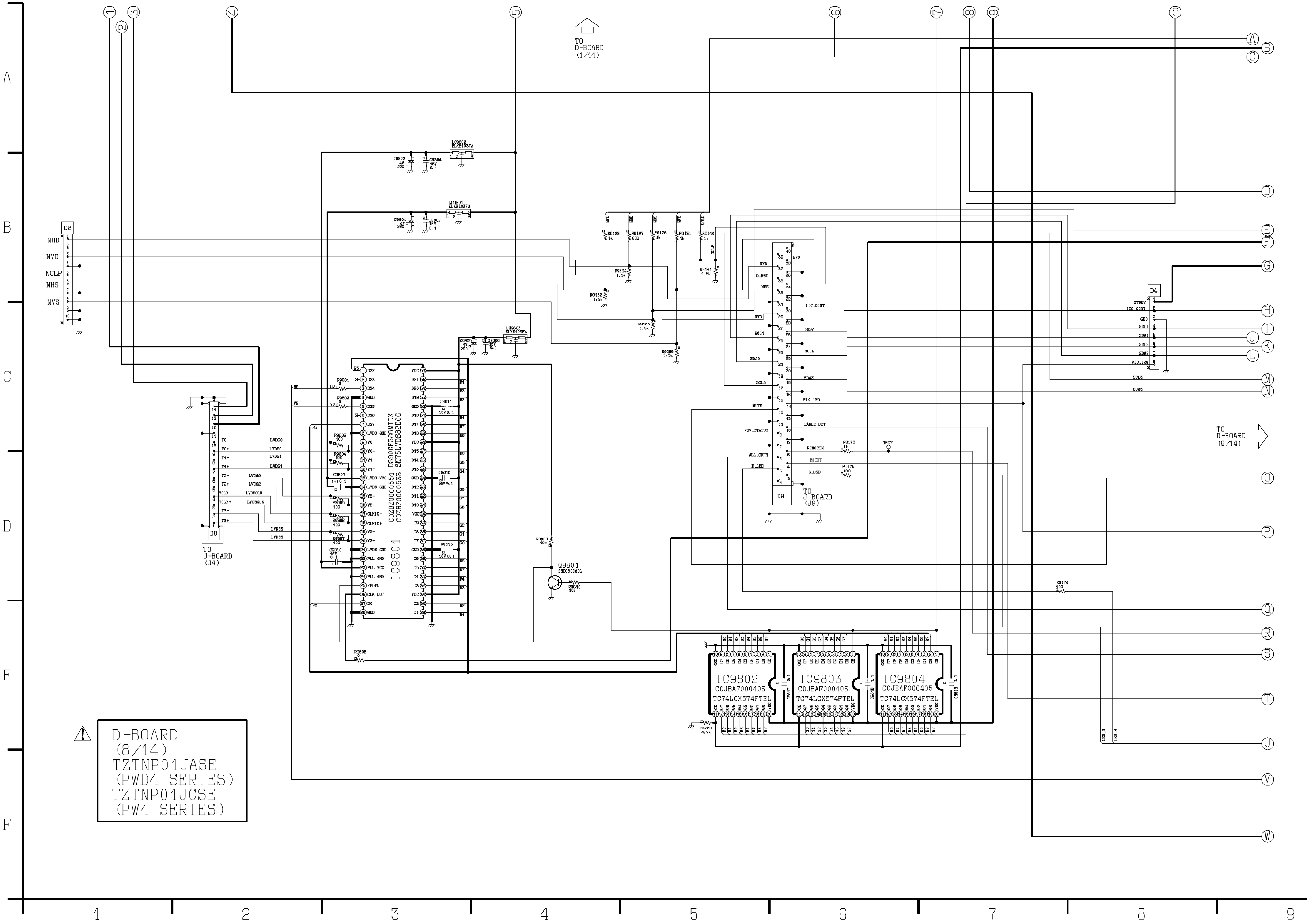

D-BOARD (6/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO
C1-BOARD
(C13)
D13
TO
D-BOARD
(5/14)
TO
D-BOARD
(7/14)
TO
D-BOARD
(13/14)
IC9502
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
UB
UB1
UB2
LSI29-U2
IC9508
MN7D029P5A
LEFT
UF2
IC9510
C0JBAZ001201
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

13.31. D-Board (7/14) Schematic Diagrams

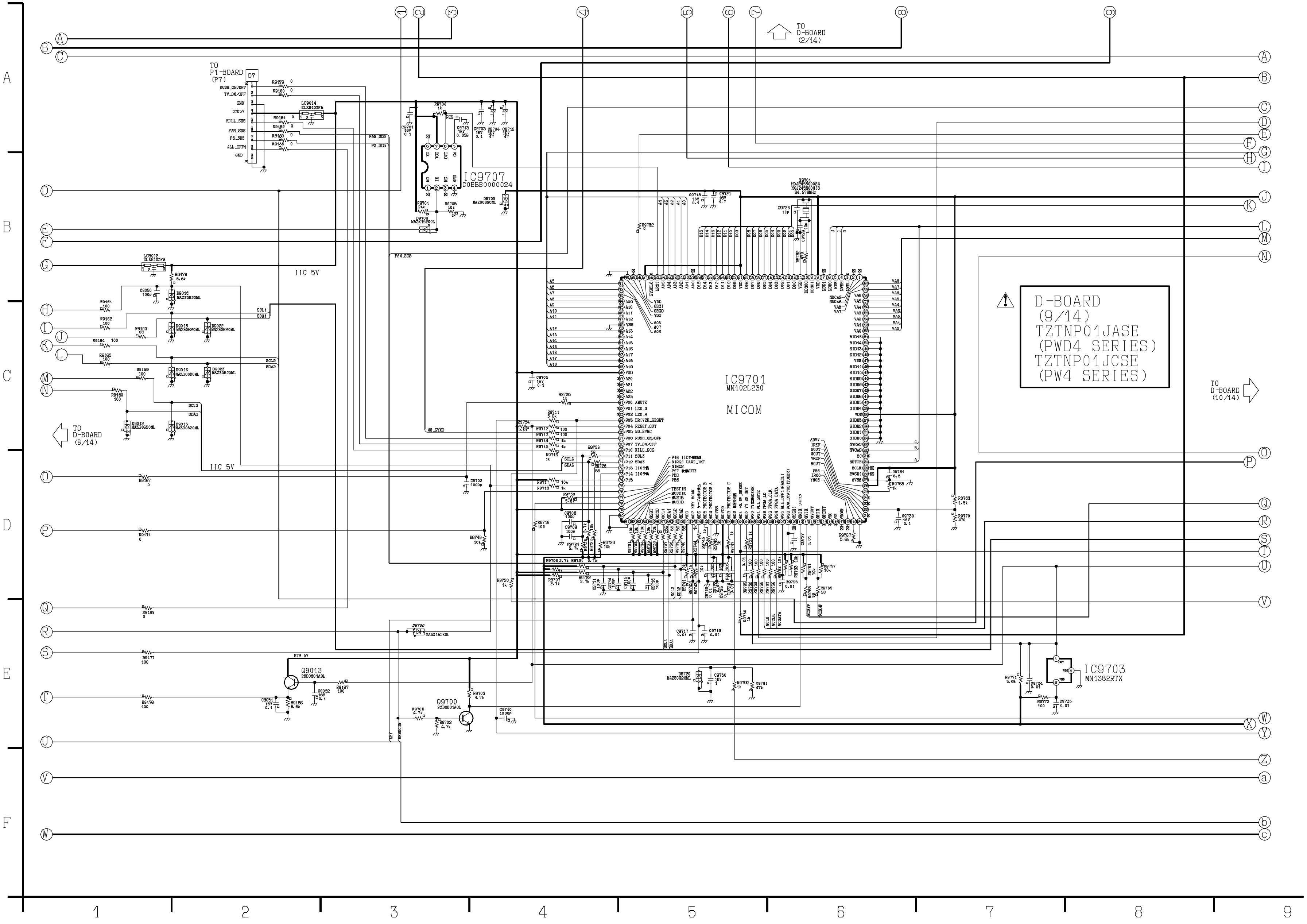

TO
C2-BOARD
(C23)
D23
D-BOARD
(7/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO
D-BOARD
(6/14)
LSI29-U1
IC9512
MN7D029P5A
RIGHT
IC9514
C0JBAZ001201
UF1
UB1
TO
D-BOARD
(14/14)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

D-Board Schematic Diagram is Continued

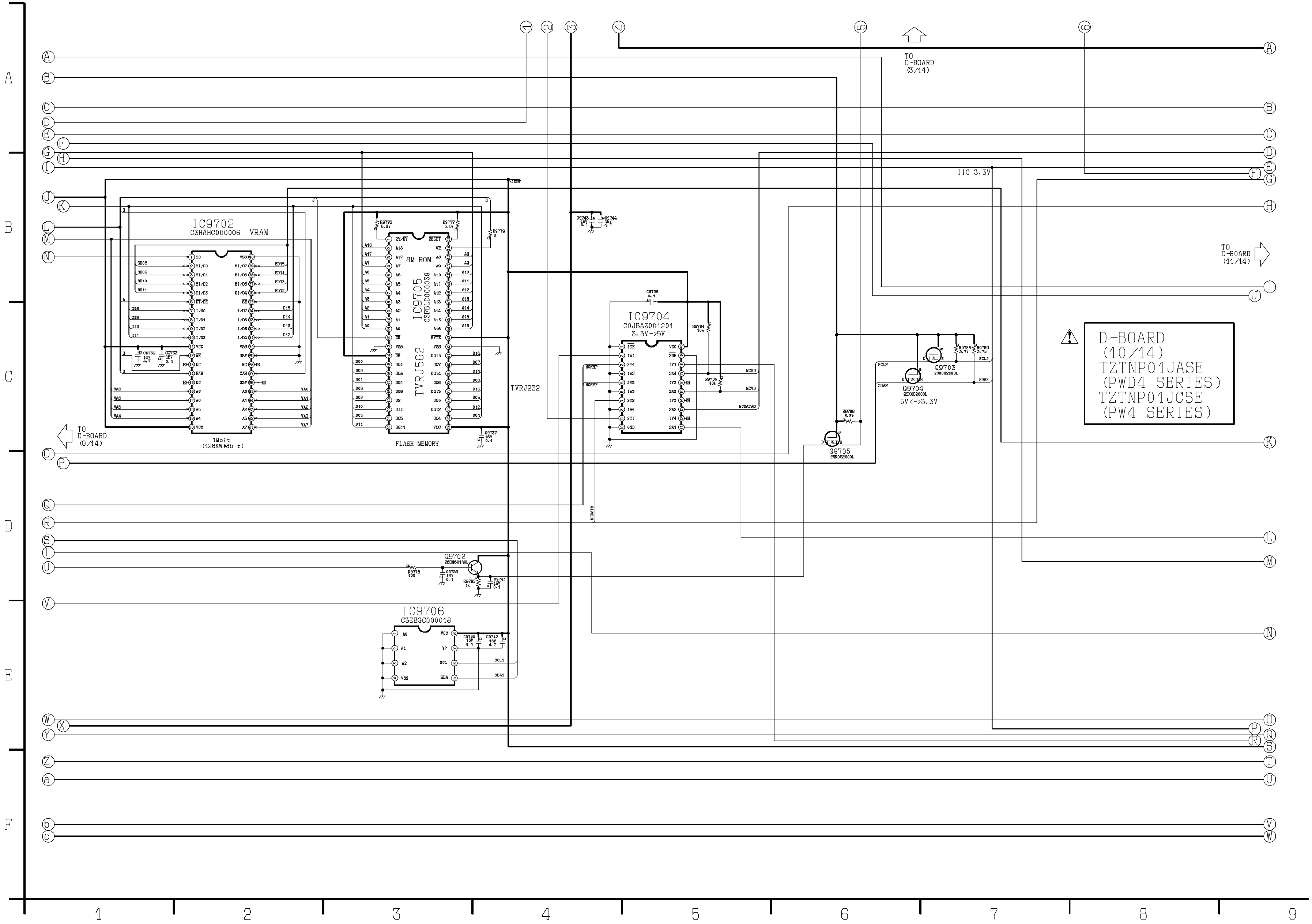
13.32. D-Board (8/14) Schematic Diagrams


TO
D-BOARD
(1/14)
TO
D-BOARD
(9/14)
TO
J-BOARD
(J4)
TO
J-BOARD
(J9)
D2
D4
D8
D9
NHD
NVD
NCLP
NHS
NVS
IC9801
C0ZBZ0000551 DS90CF386MTDX
C0ZBZ0000533 SN75LVDS82DGG
Q9801
IC9802
C0JBAF000405
TC74LCX574FTEL
IC9803
C0JBAF000405
TC74LCX574FTEL
IC9804
C0JBAF000405
TC74LCX574FTEL
LC9801
LC9802
LC9803
IIC_CONT
SDA1
SCL1
SDA2
SCL2
SDA3
SCL3
PIC_IRQ
MUTE
PCW_STATUS
CABLE_DET
REMOCON
RESET
ALL_OFF1
G_LED
R_LED
TP07
D-BOARD
(8/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
10
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

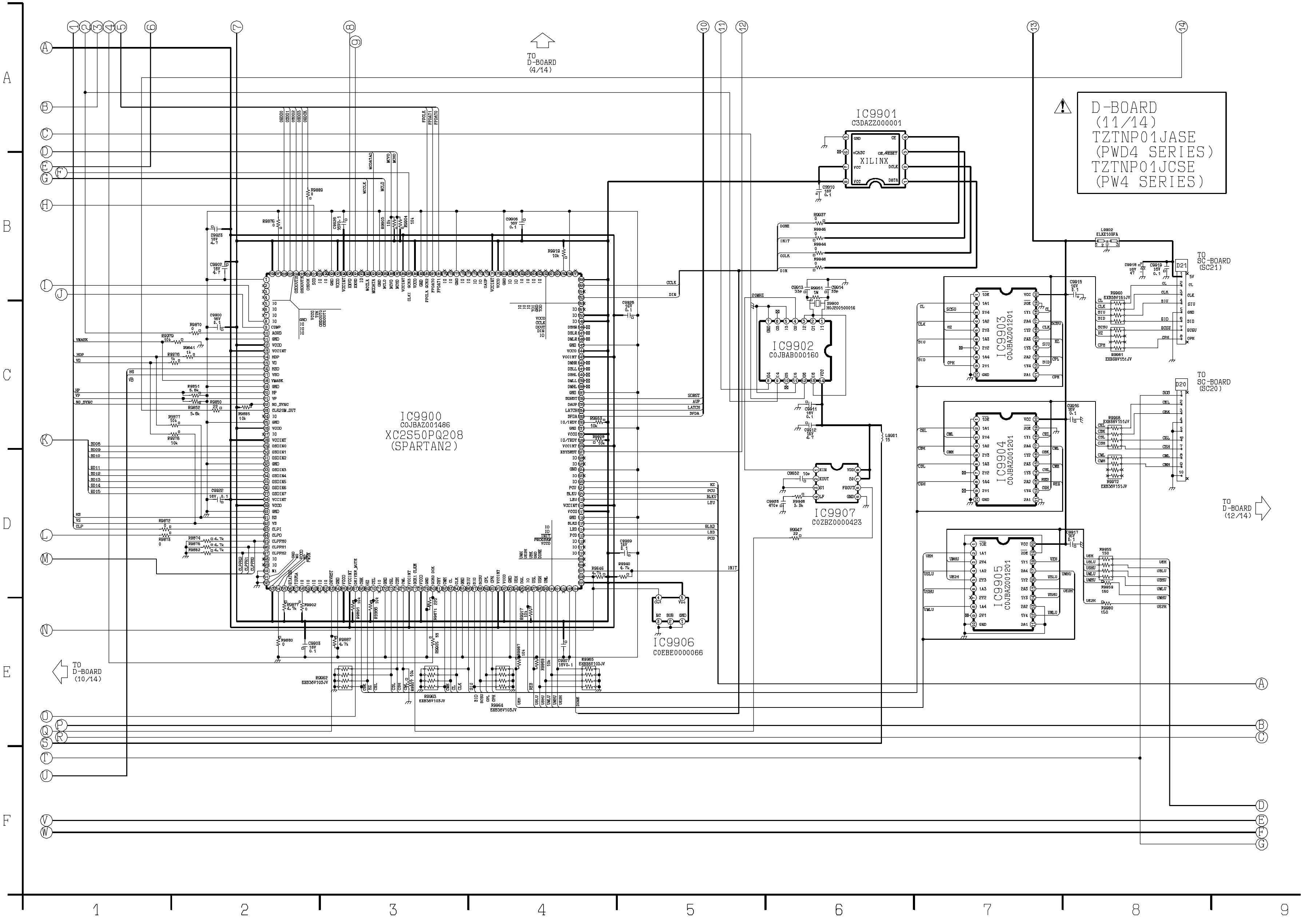
13.33. D-Board (9/14) Schematic Diagrams


TO D-BOARD (2/14)
TO P1-BOARD (P7)
IC9707
C0EBB0000024
IIC 5V
IC9701
MN102L230
MICOM
D-BOARD
(9/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO D-BOARD (10/14)
TO D-BOARD (8/14)
STB 5V
Q9013
2SD0601A0L
Q9700
IC9703
MN1382RTX
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

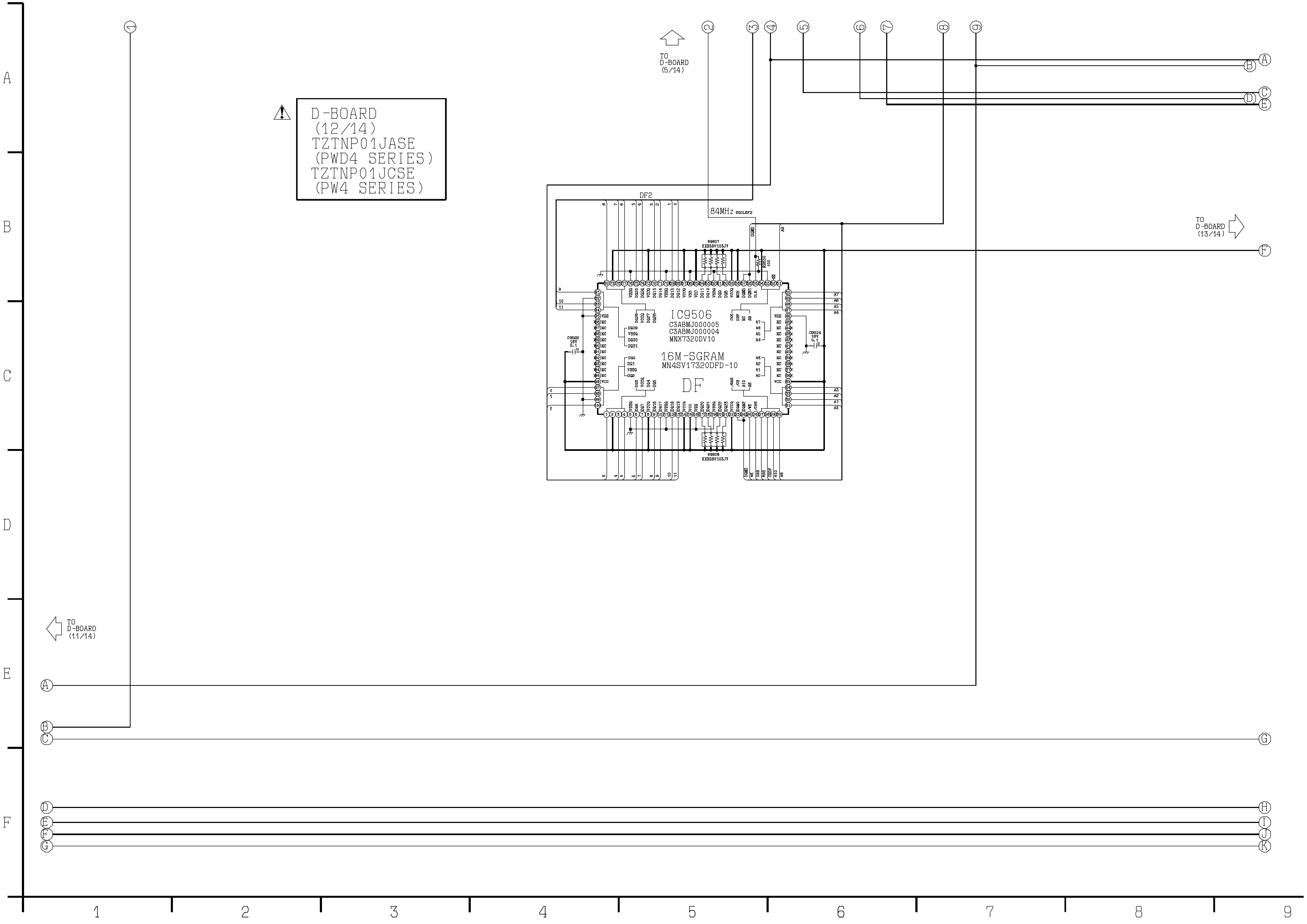
13.34. D-Board (10/14) Schematic Diagrams


IC9702
C3HAHC000006 VRAM
1Mbit
(128KW*8bit)
IC9705
C3FBLD000039
8M ROM
TVRJ562
FLASH MEMORY
TVRJ232
IC9704
C0JBAZ001201
3.3V->5V
IC9706
C3EBGC000018
Q9702
2SD0601A0L
Q9703
Q9704
5V<->3.3V
Q9705
IIC 3.3V
TO
D-BOARD
(3/14)
TO
D-BOARD
(11/14)
TO
D-BOARD
(9/14)
D-BOARD
(10/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

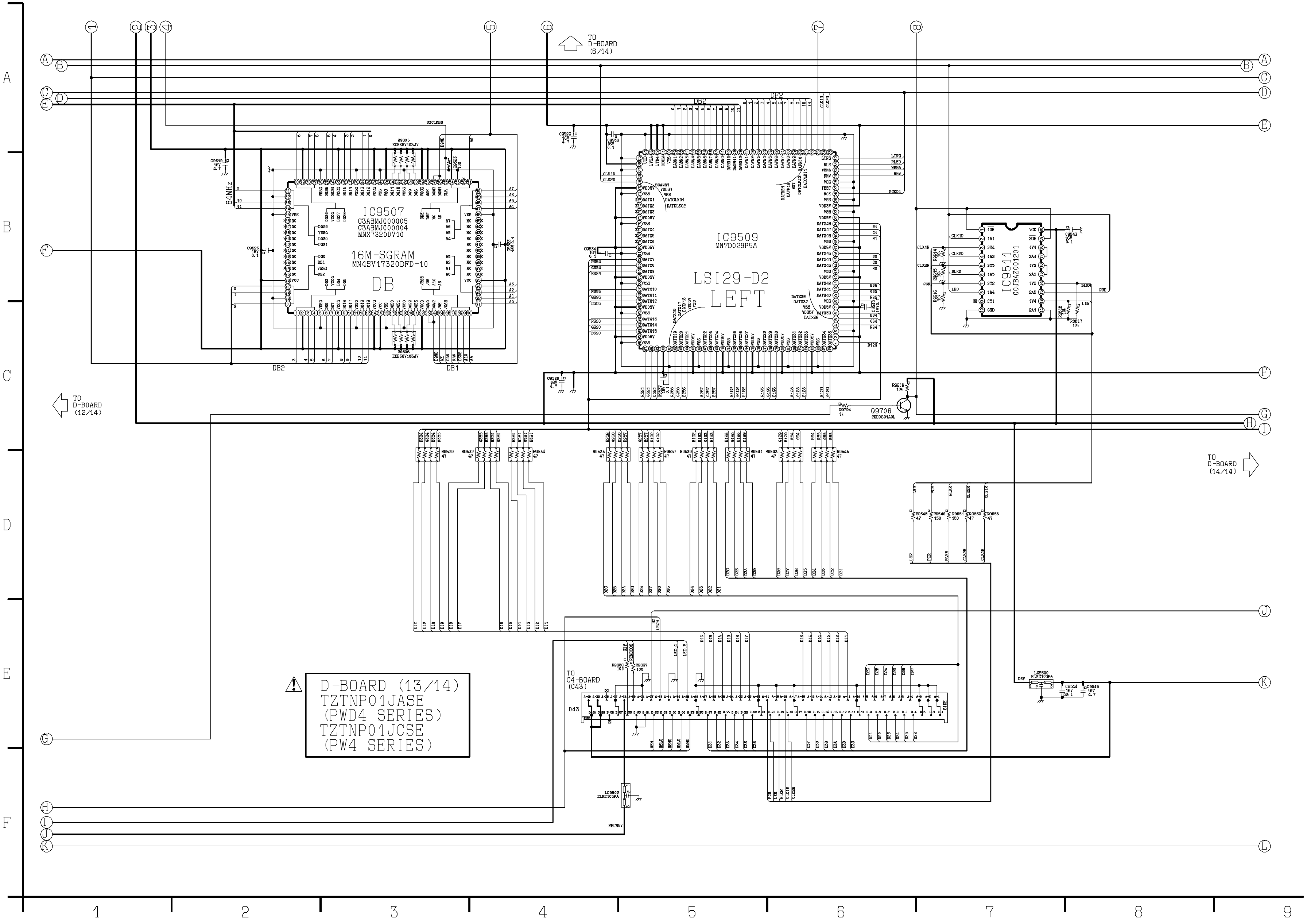
13.35. D-Board (11/14) Schematic Diagrams


D-BOARD
(11/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO
D-BOARD
(4/14)
IC9900
C0JBAZ001486
XC2S50PQ208
(SPARTAN2)
IC9901
C3DAZZ000001
XILINX
IC9902
C0JBAB000160
IC9903
C0JBAZ001201
IC9904
C0JBAZ001201
IC9905
C0JBAZ001201
IC9906
C0EBE0000066
IC9907
C0ZBZ0000423
TO
SC-BOARD
(SC21)
TO
SC-BOARD
(SC20)
TO
D-BOARD
(12/14)
TO
D-BOARD
(10/14)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

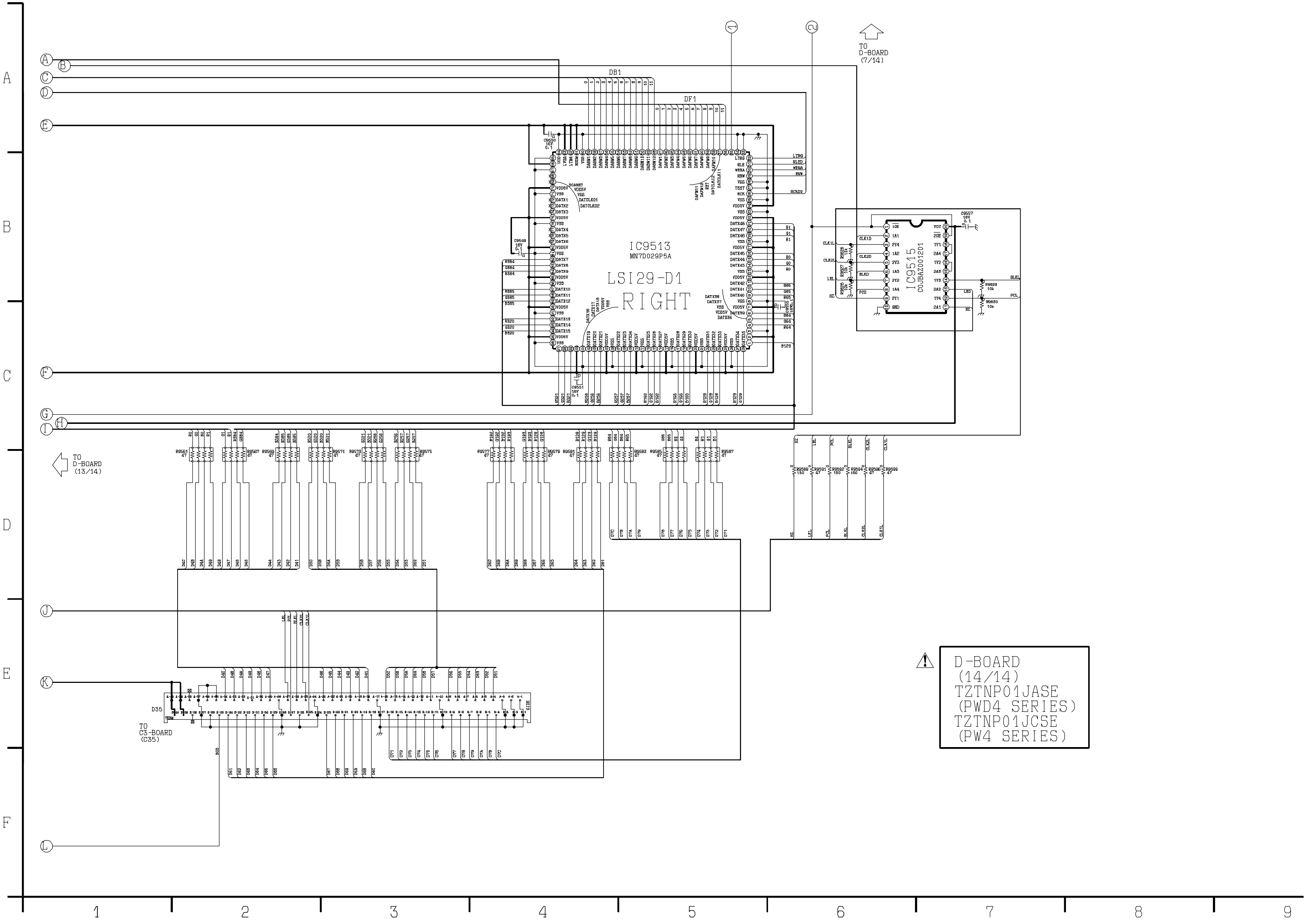
13.36. D-Board (12/14) Schematic Diagrams


D-BOARD
(12/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
TO D-BOARD (5/14)
TO D-BOARD (13/14)
TO D-BOARD (11/14)
DF2
84MHz SGCLKF2
R9607 EXB3BV103JV
R9608 EXB3BV103JV
R9530 100
C9522 16V 0.1
C9524 16V 0.1
IC9506
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
DF
DQMD
A9
A7
A6
A5
A4
A3
A2
A1
A0
WE
CAS
RAS
CSDF
A10
A8
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
①
②
③
④
⑤
⑥
⑦
⑧
⑨
G
H
I
J
K

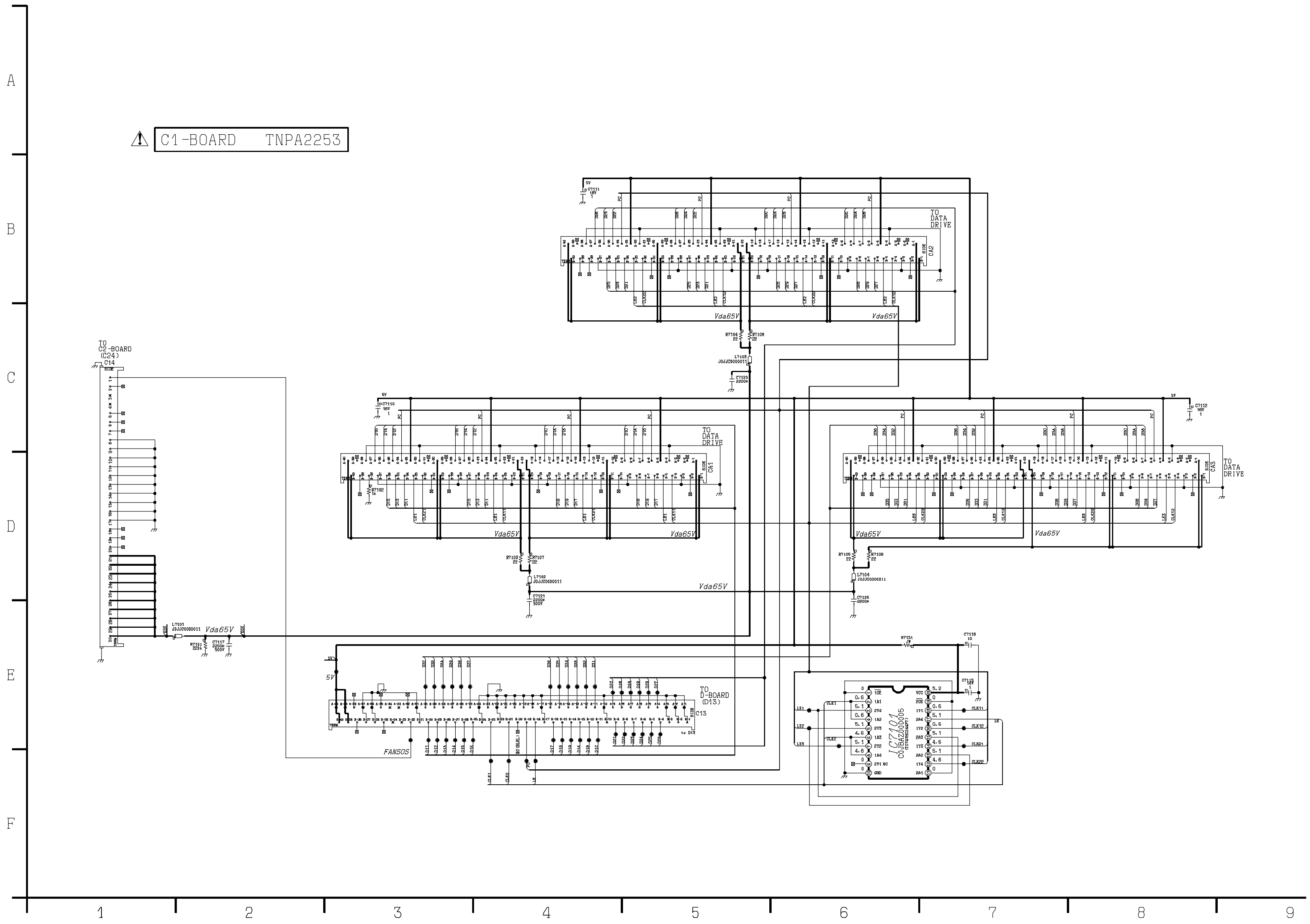
13.37. D-Board (13/14) Schematic Diagrams


TO D-BOARD (6/14)
TO D-BOARD (12/14)
TO D-BOARD (14/14)
TO C4-BOARD (C43)
IC9507
C3ABMJ000005
C3ABMJ000004
MNX7320DV10
16M-SGRAM
MN4SV17320DFD-10
DB
DB1
DB2
DF2
84MHz
IC9509
MN7D029P5A
LSI29-D2
LEFT
IC9511
C0JBAZ001201
Q9706
2SD0601A0L
R9605
EXB38V103JV
R9606
EXB38V103JV
D43
LC9500
ELKE103FA
LC9502
ELKE103FA
D-BOARD (13/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

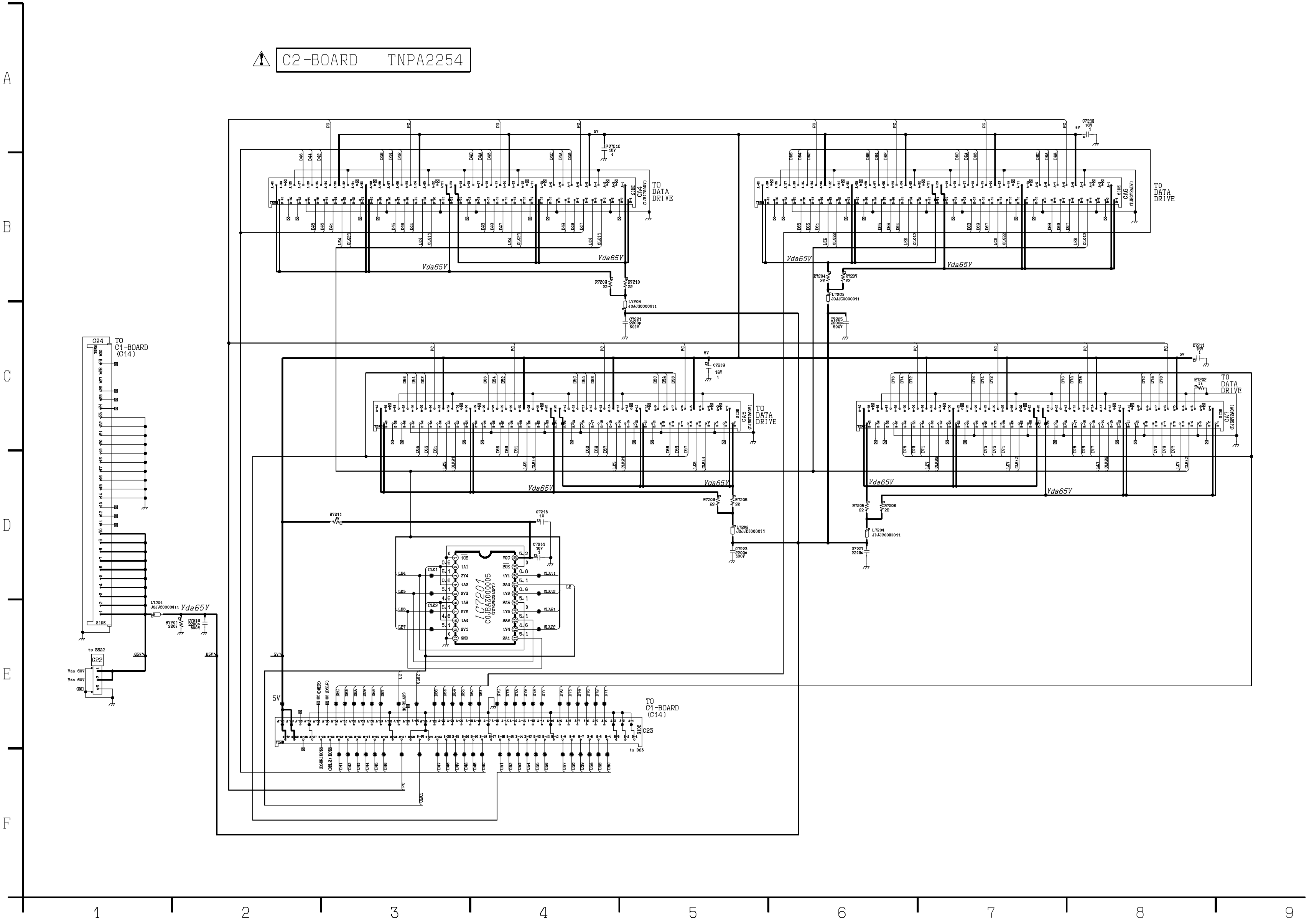
13.38. D-Board (14/14) Schematic Diagrams


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
DB1
DF1
TO
D-BOARD
(7/14)
IC9513
MN7D029P5A
LSI29-D1
RIGHT
IC9515
C0JBAZ001201
C9550
C9549
C9551
C9557
TO
D-BOARD
(13/14)
D35
TO
C3-BOARD
(C35)
D-BOARD
(14/14)
TZTNP01JASE
(PWD4 SERIES)
TZTNP01JCSE
(PW4 SERIES)

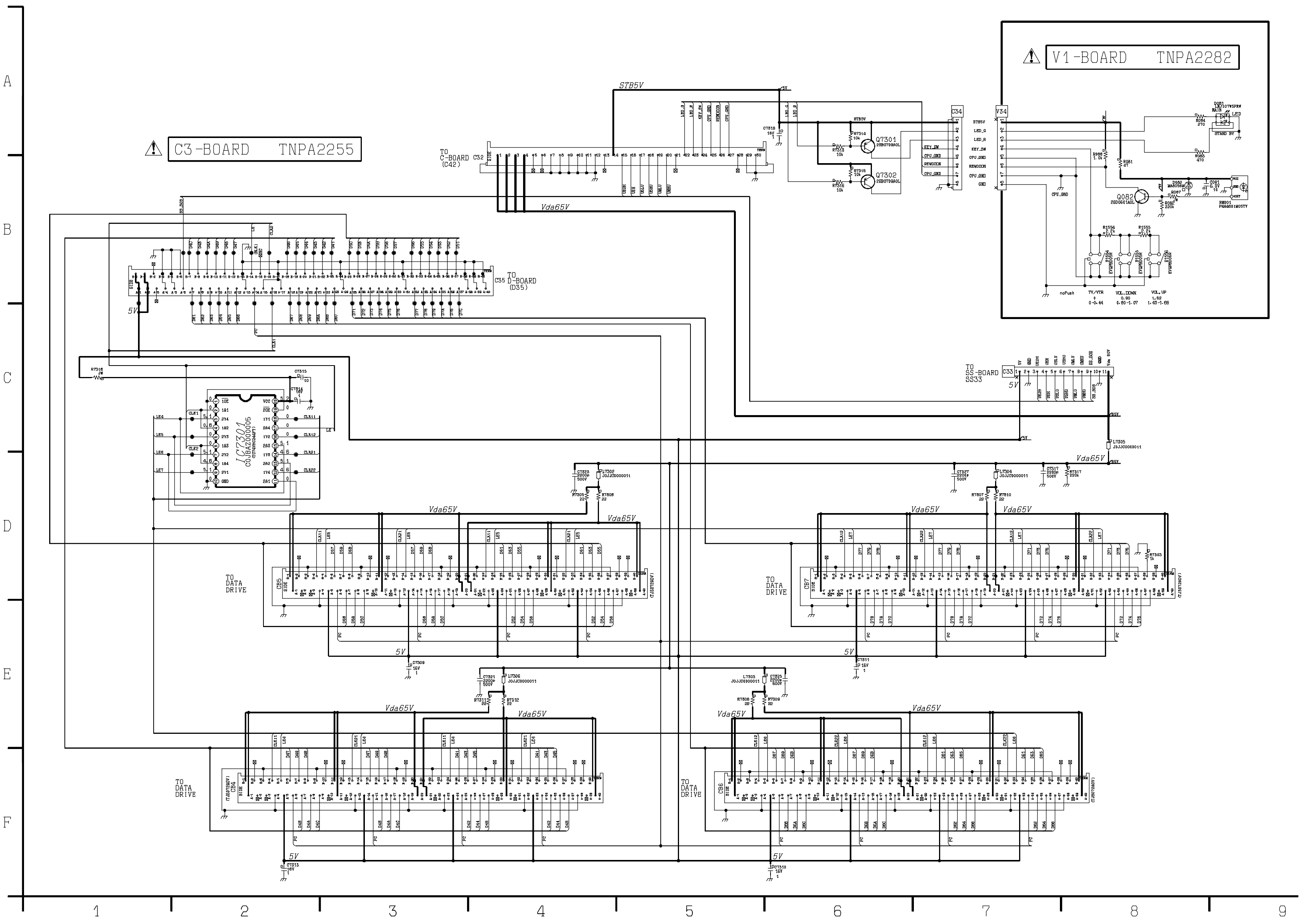
13.39. C1-Board Schematic Diagrams


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
⚠ C1-BOARD TNPA2253
TO C2-BOARD (C24)
C14
L7101
J0JJC0000011
Vda65V
R7101
220k
C7117
2200p
500V
TO DATA DRIVE
CA2
CA1
CA3
C7111
C7110
C7112
16V
1
5V
R7104
R7108
L7103
C7123
2200p
R7103
22
R7107
22
L7102
J0JJC0000011
C7121
2200p
500V
R7106
R7109
L7104
C7125
TO D-BOARD (D13)
C13
FANSOS
CLK1
CLK2
LE
R7131
JW
C7116
10
C7115
16V
1
IC7101
C0JBAZ000005
(TC74VHC244FT)
1OE
1A1
2Y4
1A2
2Y3
1A3
2Y2
1A4
2Y1 NC
GND
VCC
2OE
1Y1
2A4
1Y2
2A3
1Y3
2A2
1Y4
2A1
LE1
LE2
LE3
CLK11
CLK12
CLK21
CLK22

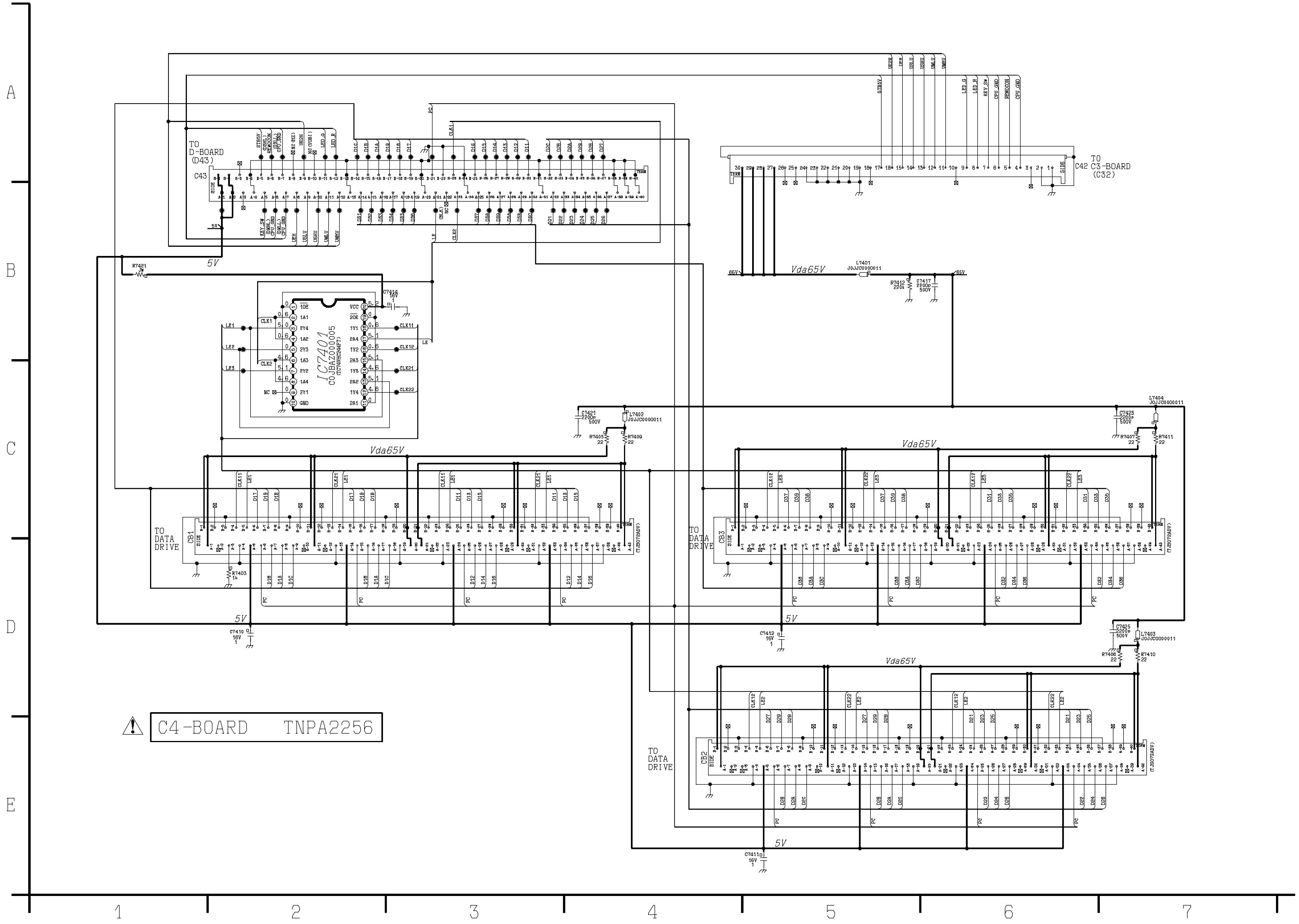
13.40. C2-Board Schematic Diagrams


⚠ C2-BOARD TNPA2254
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
TO DATA DRIVE
CA4
CA5
CA6
CA7
Vda65V
C24
TO C1-BOARD (C14)
C22
to SB22
Vda 65V
GND
C23
to D23
L7201
R7201
C7216
R7202
R7203
R7204
R7205
R7206
R7207
R7208
R7209
R7210
R7211
L7202
L7203
L7204
L7205
C7212
C7213
C7215
10
C7214
16V
1
C7221
C7223
C7225
C7227
C7209
C7211
5V
IC7201
C0JBAZ000005
(TC74VHC244FT)
1OE
1A1
2Y4
1A2
2Y3
1A3
2Y2
1A4
2Y1
GND
VCC
2OE
1Y1
2A4
1Y2
2A3
1Y3
2A2
1Y4
2A1
LE4
LE5
LE6
LE7
LE
CLK1
CLK2
CLK11
CLK12
CLK21
CLK22
NC (BLKR)

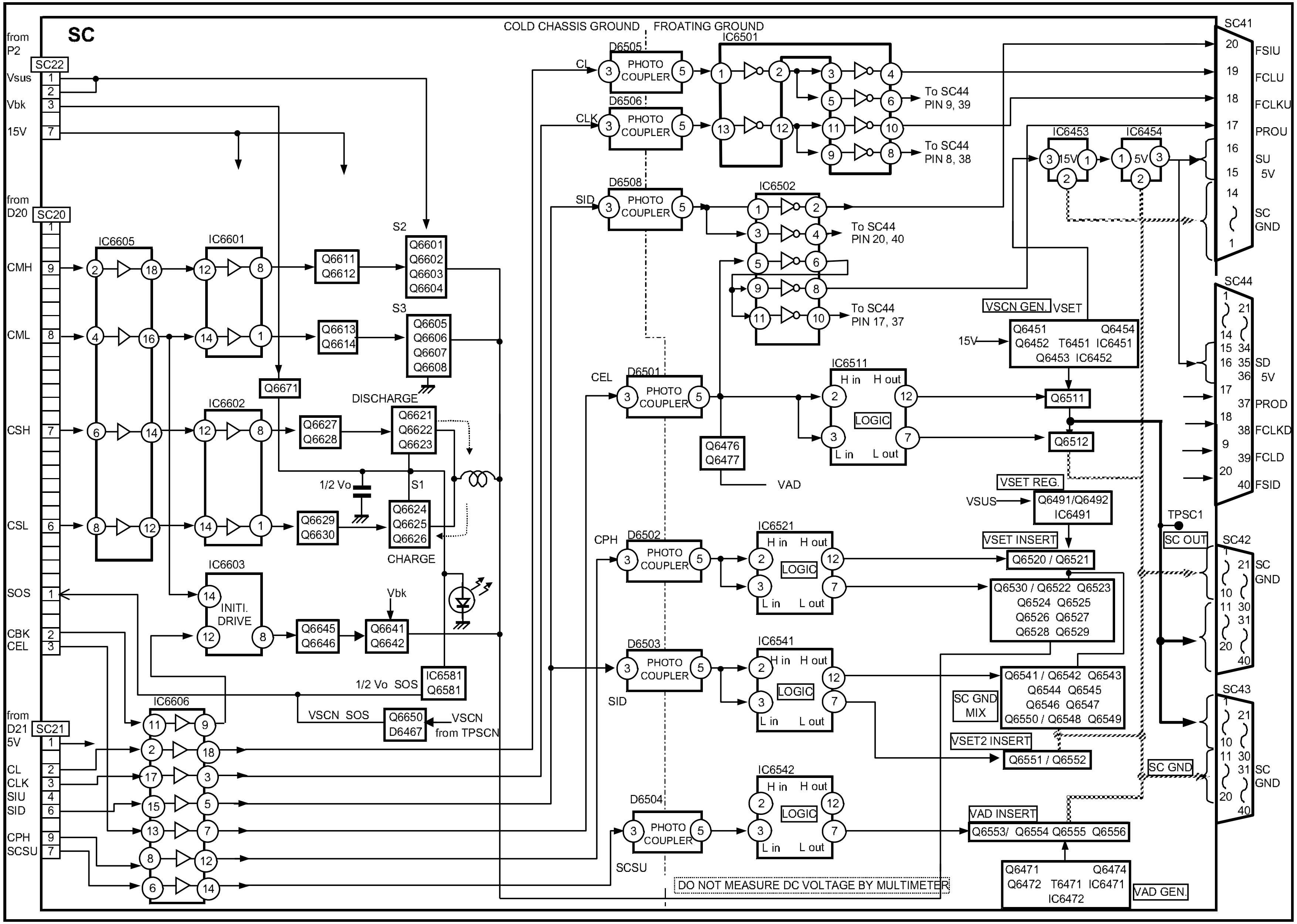
13.41. C3-Board and V1-Board Schematic Diagrams


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
C3-BOARD TNPA2255
V1-BOARD TNPA2282
STB5V
Vda65V
5V
TO C-BOARD (C42)
C32
TO D-BOARD (D35)
C35
TO SS-BOARD SS33
C33
C34
V34
Q7301
Q7302
Q082
IC7304
TO DATA DRIVE
CB5
CB7
CB4
CB6
STAND BY
noPush
TV/VTR
VOL.DOWN
VOL.UP

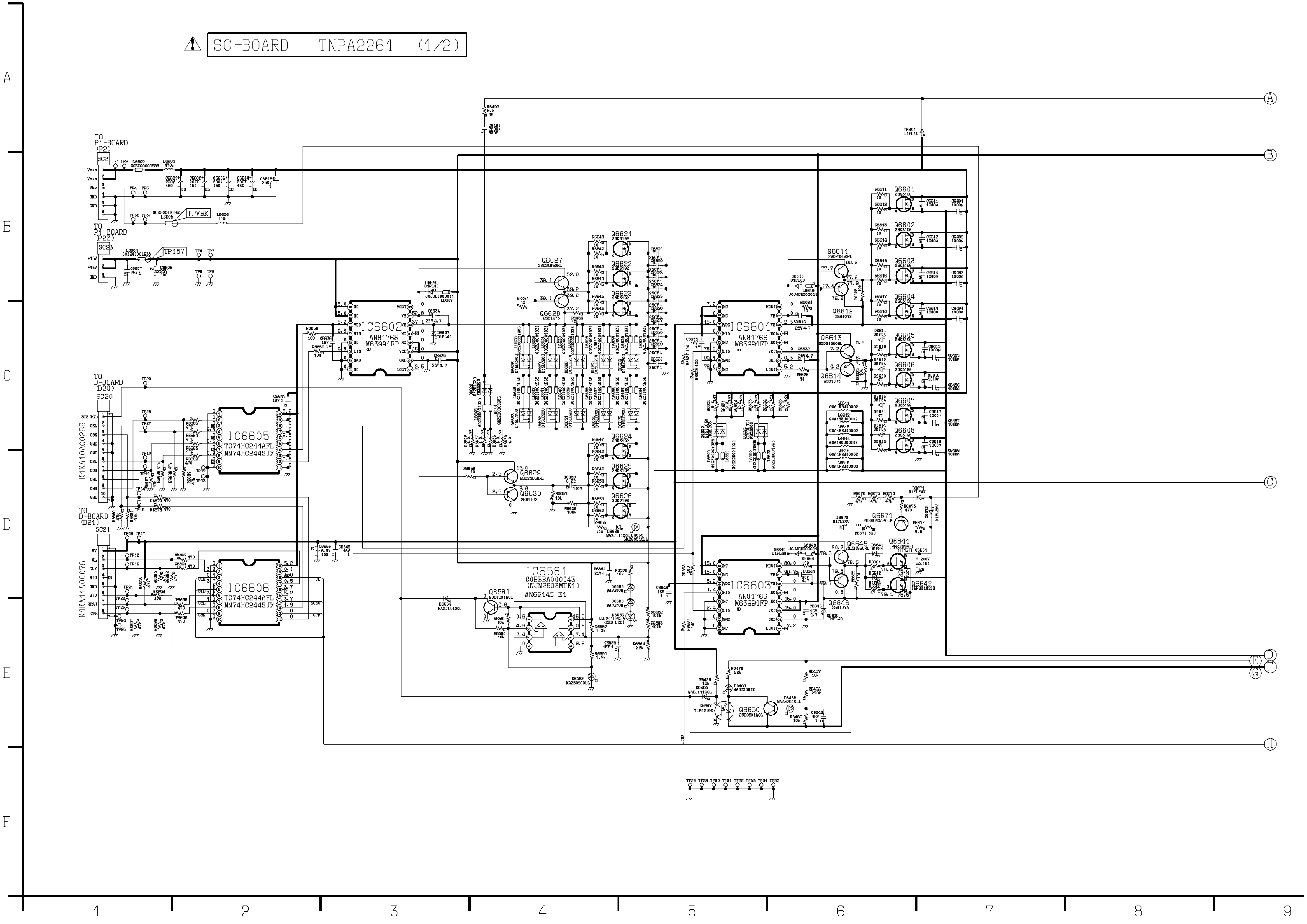
13.42. C4-Board Schematic Diagrams


A
B
C
D
E
1
2
3
4
5
6
7
TO
D-BOARD
(D43)
C43
TO
C3-BOARD
(C32)
C42
IC7401
C0JBAZ000005
(TC74VHC04FT)
R7421
5V
Vda65V
65V
L7401
J0JJC0000011
R7412
C7417
C7414
C7421
L7402
R7405
R7409
C7423
L7404
R7407
R7411
C7425
L7403
R7406
R7410
C7410
C7412
C7411
R7403
TO
DATA
DRIVE
CB1
TO
DATA
DRIVE
CB3
TO
DATA
DRIVE
CB2
C4-BOARD TNPA2256

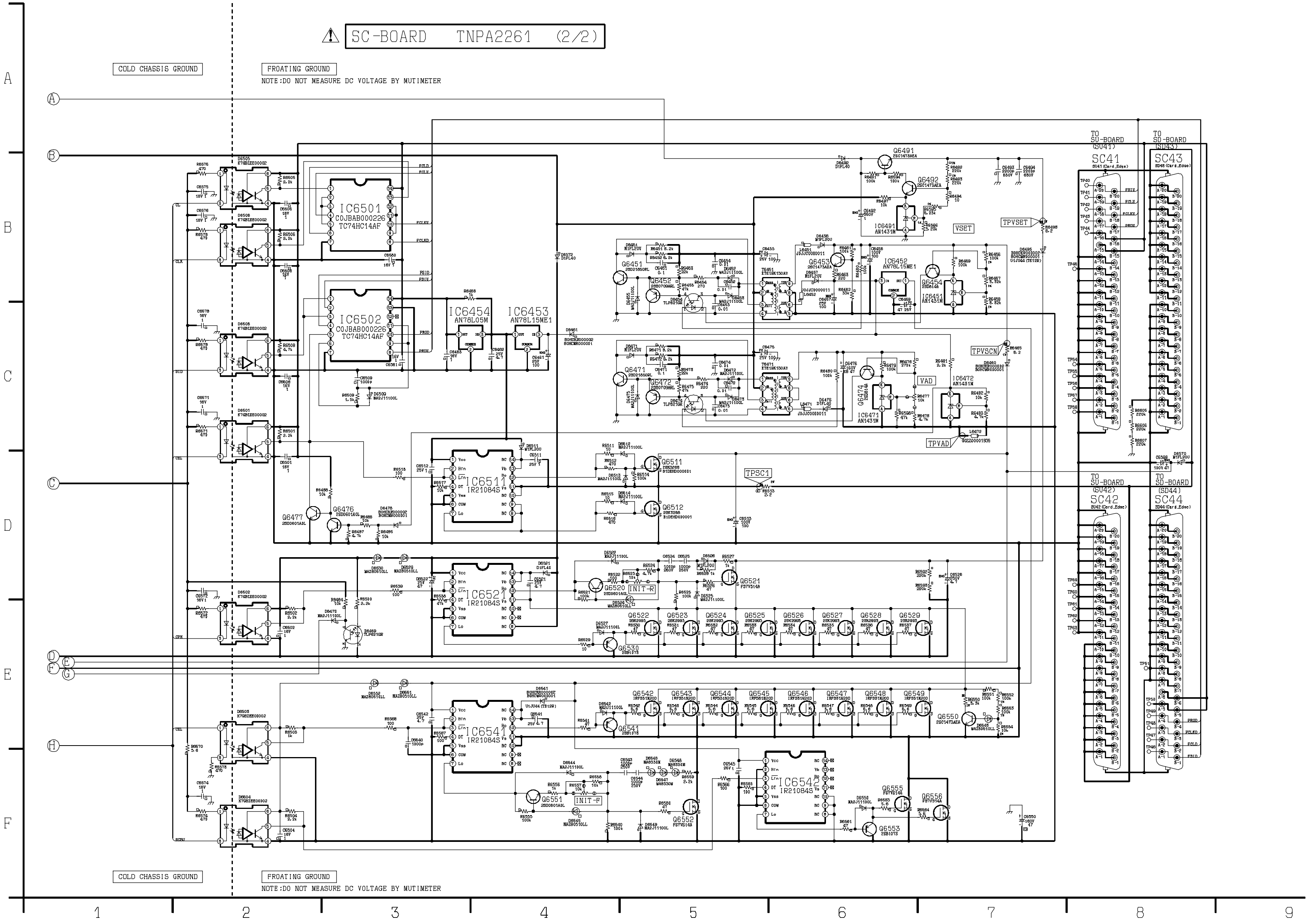
13.43. SC-Board Block Diagrams


SC
from P2
SC22
Vsus
Vbk
15V
from D20
SC20
CMH
CML
CSH
CSL
SOS
CBK
CEL
from D21
SC21
5V
CL
CLK
SIU
SID
CPH
SCSU
IC6605
IC6601
IC6602
IC6603
INITI. DRIVE
IC6606
Q6611 Q6612
Q6613 Q6614
S2
Q6601 Q6602 Q6603 Q6604
S3
Q6605 Q6606 Q6607 Q6608
Q6671
DISCHARGE
Q6627 Q6628
Q6621 Q6622 Q6623
1/2 Vo
S1
Q6629 Q6630
Q6624 Q6625 Q6626
CHARGE
Vbk
Q6645 Q6646
Q6641 Q6642
IC6581 Q6581
1/2 Vo SOS
VSCN SOS
Q6650 D6467
VSCN from TPSCN
COLD CHASSIS GROUND
FROATING GROUND
D6505
PHOTO COUPLER
D6506
D6508
IC6501
IC6502
To SC44 PIN 9, 39
To SC44 PIN 8, 38
To SC44 PIN 20, 40
To SC44 PIN 17, 37
CL
CLK
SID
CEL
D6501
Q6476 Q6477
VAD
IC6511
H in
H out
LOGIC
L in
L out
CPH
D6502
IC6521
D6503
SID
IC6541
D6504
SCSU
IC6542
DO NOT MEASURE DC VOLTAGE BY MULTIMETER
IC6453
IC6454
15V
5V
VSCN GEN.
VSET
15V
Q6451 Q6454 Q6452 T6451 IC6451 Q6453 IC6452
Q6511
Q6512
VSET REG.
VSUS
Q6491/Q6492 IC6491
VSET INSERT
Q6520 / Q6521
Q6530 / Q6522 Q6523 Q6524 Q6525 Q6526 Q6527 Q6528 Q6529
SC GND MIX
Q6541 / Q6542 Q6543 Q6544 Q6545 Q6546 Q6547 Q6550 / Q6548 Q6549
VSET2 INSERT
Q6551 / Q6552
VAD INSERT
Q6553/ Q6554 Q6555 Q6556
Q6471 Q6474 Q6472 T6471 IC6471 IC6472
VAD GEN.
TPSC1
SC OUT
SC GND
SC41
FSIU
FCLU
FCLKU
PROU
SU 5V
SC GND
SC44
SD 5V
PROD
FCLKD
FCLD
FSID
SC42
SC GND
SC43
SC GND

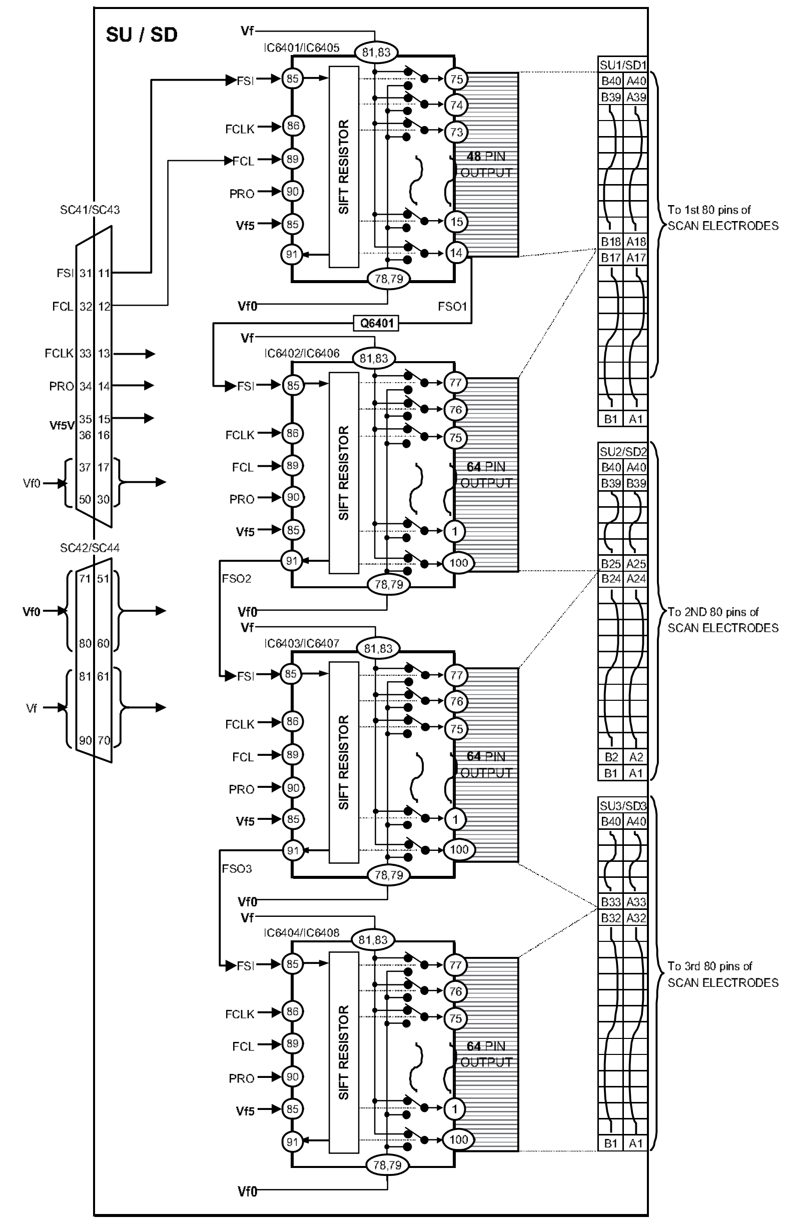
13.44. SC-Board (1/2) Schematic Diagrams

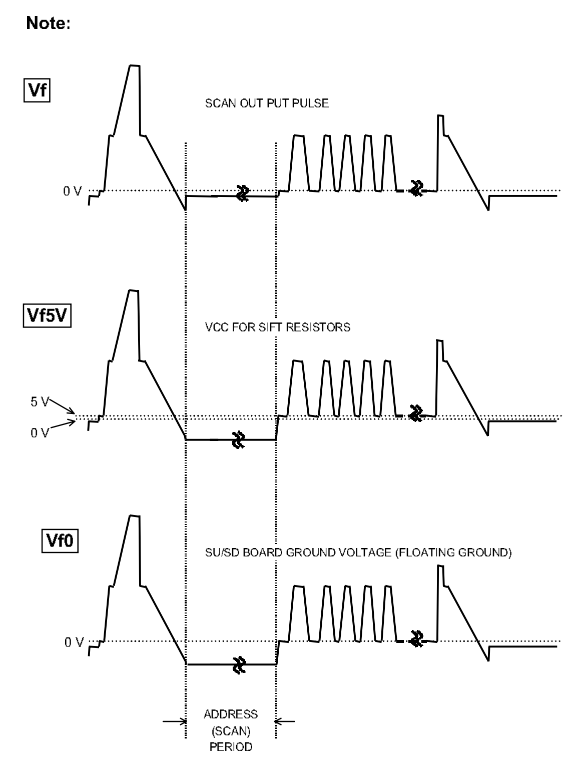

SC-BOARD TNPA2261 (1/2)
TO P1-BOARD (P2)
SC2
TPVBK
TO P1-BOARD (P23)
SC23
TP15V
TO D-BOARD (D20)
SC20
K1KA10A00266
TO D-BOARD (D21)
SC21
K1KA11A00078
IC6605
TC74HC244AFL
MM74HC244SJX
IC6606
TC74HC244AFL
MM74HC244SJX
IC6602
AN8176S
M63991FP
IC6601
AN8176S
M63991FP
IC6603
AN8176S
M63991FP
IC6581
C0BBA000043
(NJM2903MTE1)
AN6914S-E1
Q6581
Q6601
Q6602
Q6603
Q6604
Q6605
Q6606
Q6607
Q6608
Q6611
Q6612
Q6613
Q6614
Q6621
Q6622
Q6623
Q6624
Q6625
Q6626
Q6627
Q6628
Q6629
Q6630
Q6641
Q6642
Q6645
Q6646
Q6650
Q6671
A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9

13.45. SC-Board (2/2) Schematic Diagrams

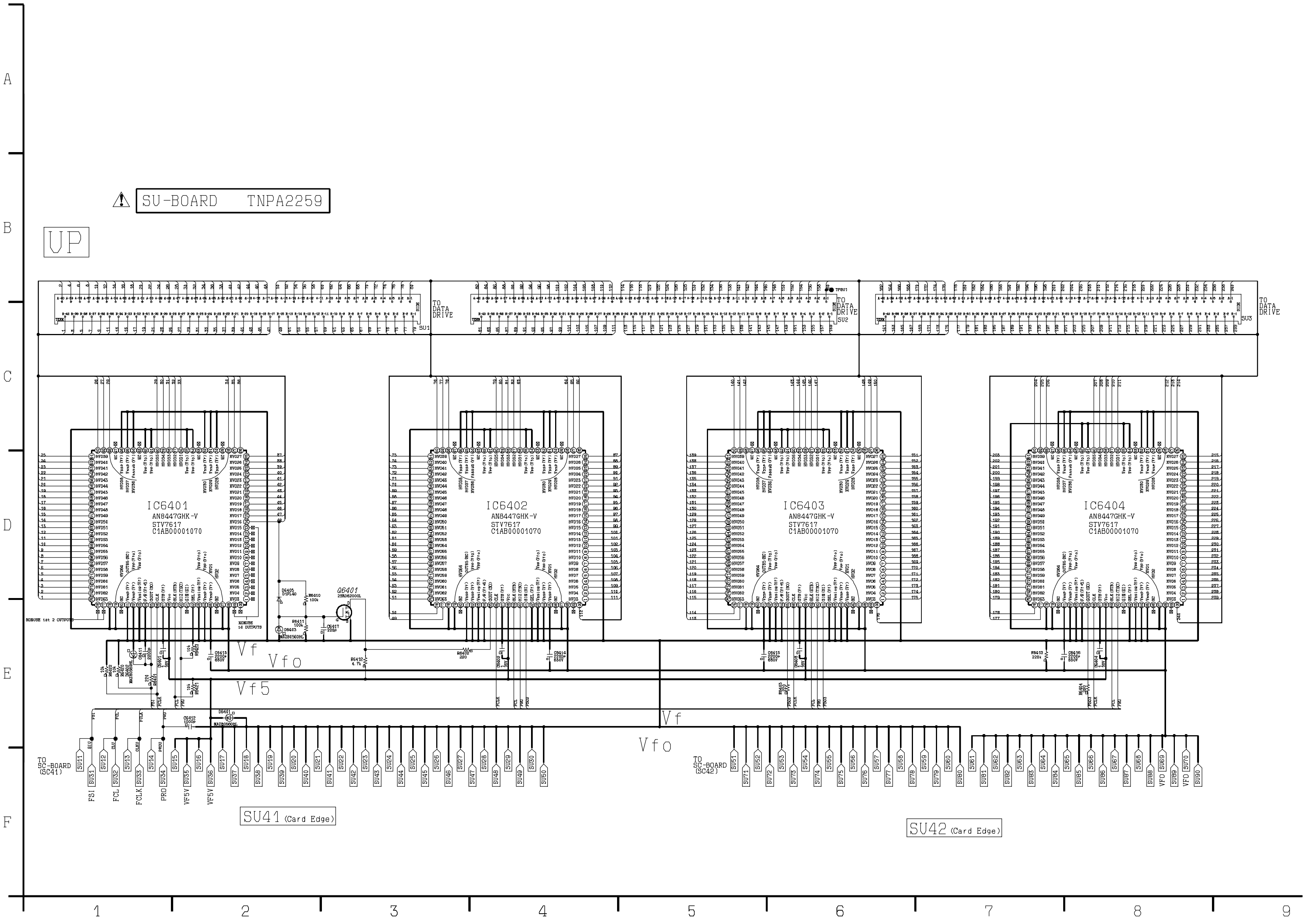

SC-BOARD TNPA2261 (2/2)
COLD CHASSIS GROUND
FROATING GROUND
NOTE:DO NOT MEASURE DC VOLTAGE BY MUTIMETER
IC6501
C0JBAB000226
TC74HC14AF
IC6502
C0JBAB000226
TC74HC14AF
IC6454
AN78L05M
IC6453
AN78L15ME1
IC6511
IR21084S
IC6521
IR21084S
IC6541
IR21084S
IC6542
IR21084S
IC6491
AN1431M
IC6452
AN78L15ME1
IC6451
AN1431M
IC6471
AN1431M
IC6472
AN1431M
Q6491
Q6492
Q6451
Q6452
Q6453
Q6454
Q6471
Q6472
Q6476
Q6477
Q6511
Q6512
Q6520
Q6521
Q6522
Q6523
Q6524
Q6525
Q6526
Q6527
Q6528
Q6529
Q6530
Q6541
Q6542
Q6543
Q6544
Q6545
Q6546
Q6547
Q6548
Q6549
Q6550
Q6551
Q6552
Q6553
Q6555
Q6556
VSET
TPVSET
TPVSCN
VAD
TPVAD
TPSC1
INIT-R
INIT-F
TO SU-BOARD (SU41) SC41
TO SD-BOARD (SD43) SC43
TO SU-BOARD (SU42) SC42
TO SD-BOARD (SD44) SC44
A
B
C
D
E
F
G
H
1
2
3
4
5
6
7
8
9

13.46. SU/SD Block Diagram

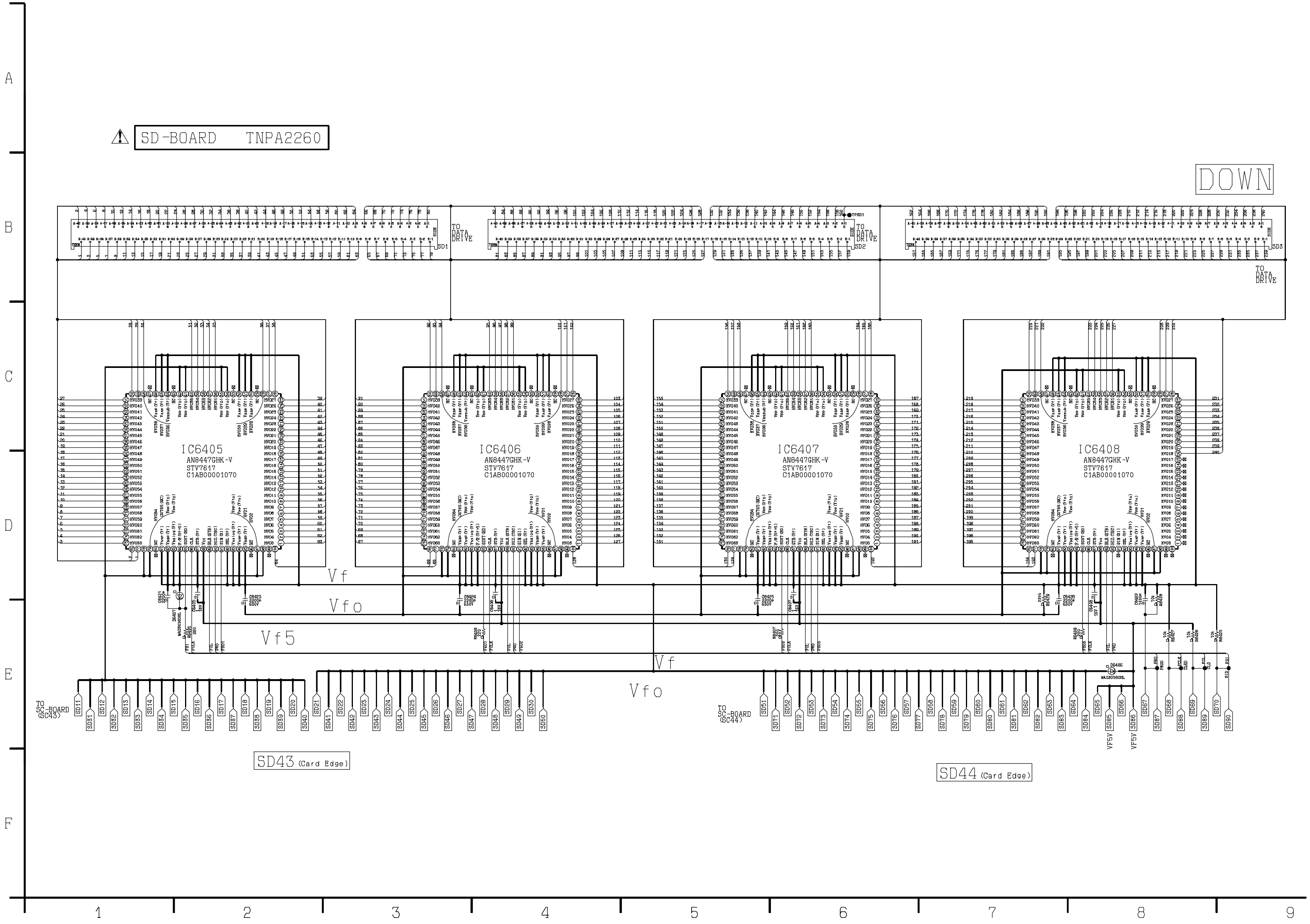

SU / SD
SC41/SC43
FSI 31 11
FCL 32 12
FCLK 33 13
PRO 34 14
Vf5V 35 15 36 16
Vf0 37 17 50 30
SC42/SC44
Vf0 71 51 80 60
Vf 81 61 90 70
IC6401/IC6405
IC6402/IC6406
IC6403/IC6407
IC6404/IC6408
Vf
Vf0
Vf5
81,83
78,79
FSI
FCLK
FCL
PRO
SIFT RESISTOR
48 PIN OUTPUT
64 PIN OUTPUT
Q6401
FSO1
FSO2
FSO3
SU1/SD1
SU2/SD2
SU3/SD3
B40 A40
B39 A39
B18 A18
B17 A17
B25 A25
B24 A24
B33 A33
B32 A32
B2 A2
B1 A1
To 1st 80 pins of SCAN ELECTRODES
To 2ND 80 pins of SCAN ELECTRODES
To 3rd 80 pins of SCAN ELECTRODES


Note:
Vf
SCAN OUT PUT PULSE
0 V
Vf5V
VCC FOR SIFT RESISTORS
5 V
0 V
Vf0
SU/SD BOARD GROUND VOLTAGE (FLOATING GROUND)
0 V
ADDRESS (SCAN) PERIOD

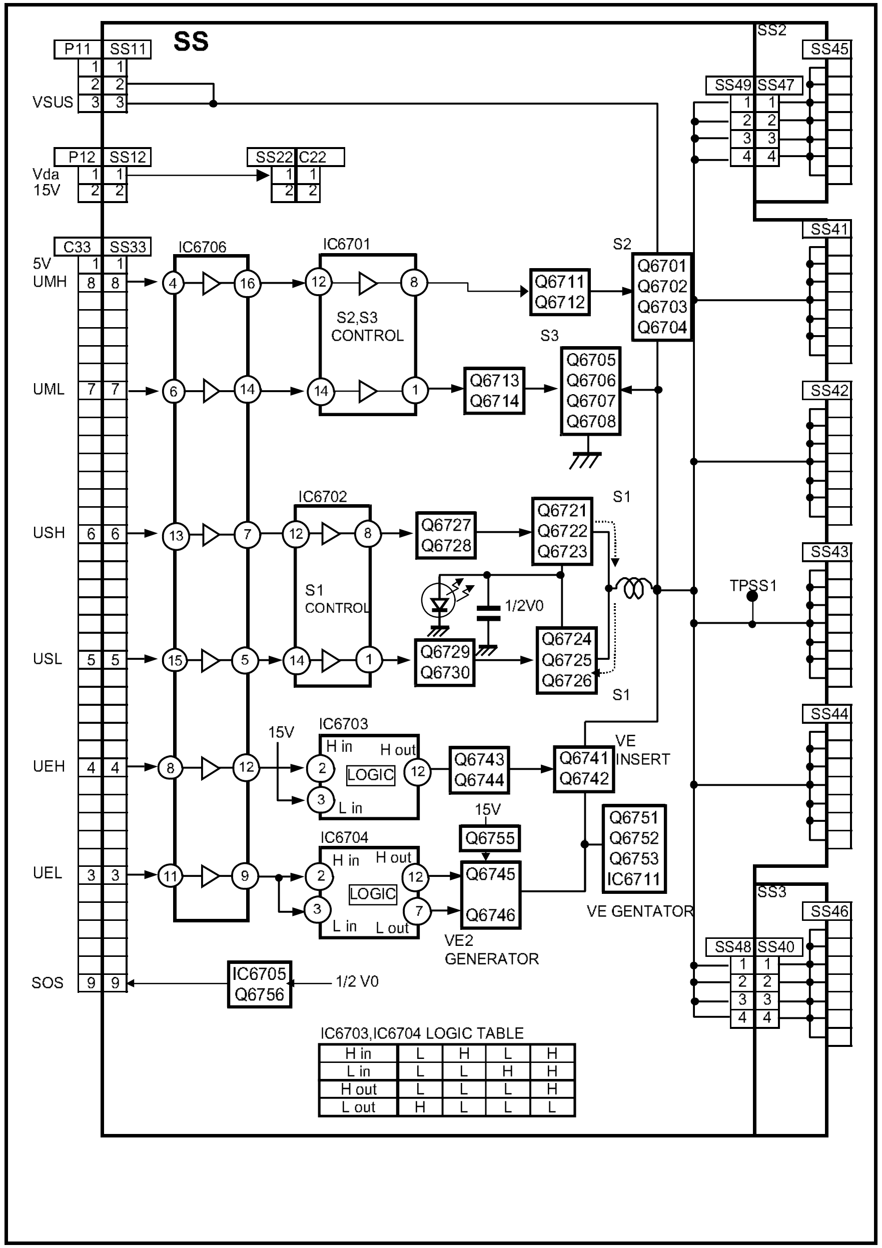
13.47. SU-Board Schematic Diagrams


SU-BOARD TNPA2259
UP
TO DATA DRIVE
SU1
SU2
SU3
TPSU1
IC6401
AN8447GHK-V
STV7617
C1AB00001070
IC6402
AN8447GHK-V
STV7617
C1AB00001070
IC6403
AN8447GHK-V
STV7617
C1AB00001070
IC6404
AN8447GHK-V
STV7617
C1AB00001070
NONUSE 1st 2 OUTPUTS
NONUSE 14 OUTPUTS
D6405 D1FL40
R6410 100k
R6411 100k
D6403 MAZ80560HL
C6417 220p
Q6401 2SK062000L
R6412 4.7k
R6402 220
C6413 2200p 630V
C6414 2200p 630V
C6415 2200p 630V
C6416 2200p 630V
R6413 220k
R6403 220
R6404 220
D6401 1 16V
D6402 1 16V
D6403 1 16V
D6404 1 16V
C6411 2200p
D6402 MAZ80560HL
R6422 10k
R6420 10k
R6401 220
R6423 10k
R6421 10k
C6412 1000p
D6401 MAZ80560HL
Vf
Vfo
Vf5
FSI
FCL
FCLK
PRO
FSO2
FSO3
TO SC-BOARD (SC41)
TO SC-BOARD (SC42)
SU11
SU12
SU13
SU14
SU15
SU16
SU17
SU18
SU19
SU20
SU21
SU22
SU23
SU24
SU25
SU26
SU27
SU28
SU29
SU30
SU31
SU32
SU33
SU34
SU35
SU36
SU37
SU38
SU39
SU40
SU41
SU42
SU43
SU44
SU45
SU46
SU47
SU48
SU49
SU50
FSI
FCL
FCLK
PRO
VF5V
VF5V
SU41 (Card Edge)
SU51
SU52
SU53
SU54
SU55
SU56
SU57
SU58
SU59
SU60
SU61
SU62
SU63
SU64
SU65
SU66
SU67
SU68
SU69
SU70
SU71
SU72
SU73
SU74
SU75
SU76
SU77
SU78
SU79
SU80
SU81
SU82
SU83
SU84
SU85
SU86
SU87
SU88
SU89
SU90
VFO
VFO
SU42 (Card Edge)
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

13.48. SD-Board Schematic Diagrams


SD-BOARD TNPA2260
DOWN
TO DATA DRIVE
SD1
SD2
SD3
TPSD1
IC6405
IC6406
IC6407
IC6408
AN8447GHK-V
STV7617
C1AB00001070
Vf
Vfo
Vf5
TO SC-BOARD (SC43)
TO SC-BOARD (SC44)
SD43 (Card Edge)
SD44 (Card Edge)
VF5V
A
B
C
D
E
F
1
2
3
4
5
6
7
8
9

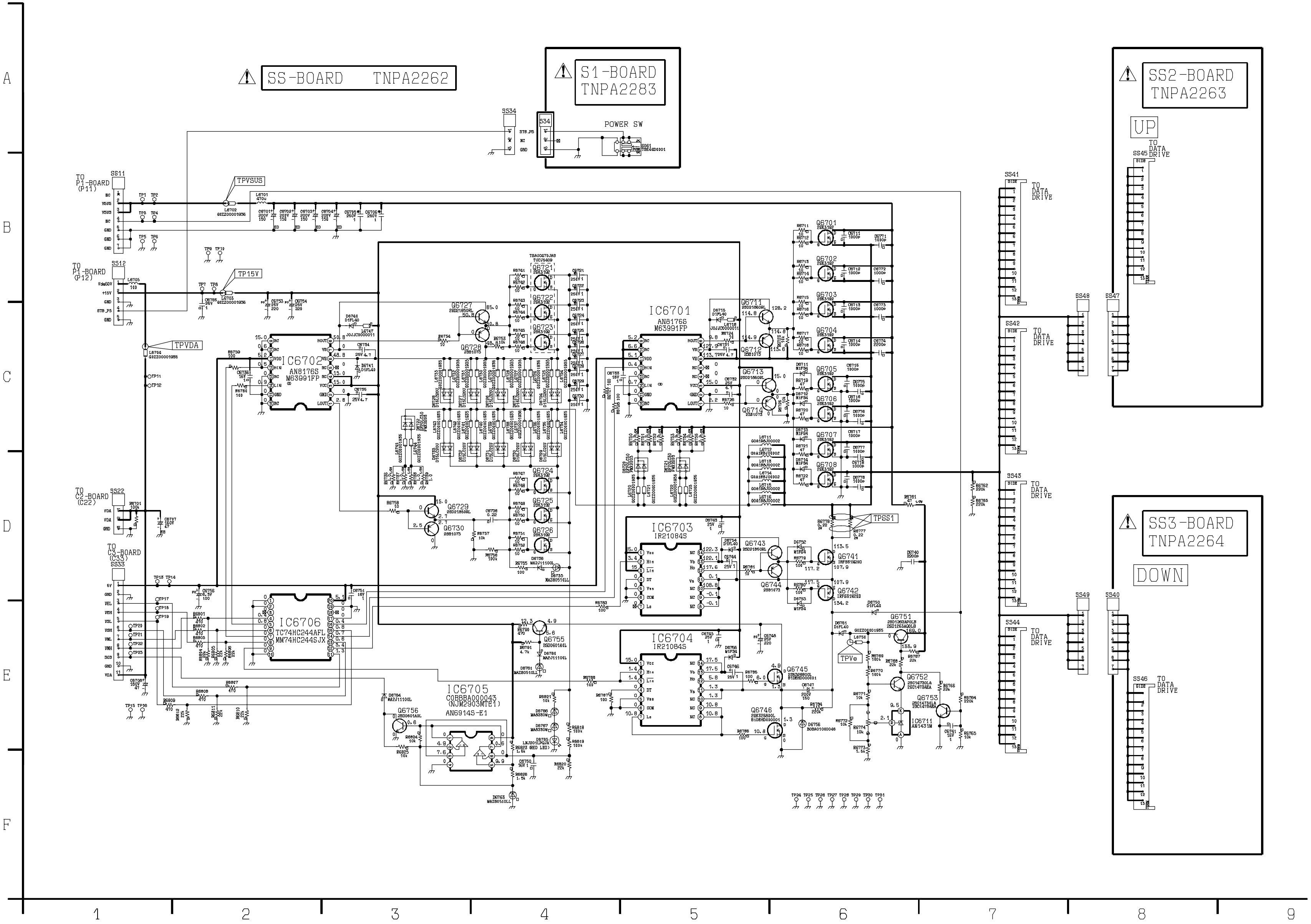
13.49. SS-Board Block Diagrams


SS
P11
SS11
VSUS
P12
SS12
Vda
15V
SS22
C22
C33
SS33
5V
UMH
UML
USH
USL
UEH
UEL
SOS
IC6706
IC6701
S2,S3
CONTROL
IC6702
S1
CONTROL
IC6703
H in
H out
LOGIC
L in
IC6704
L out
15V
Q6711
Q6712
Q6713
Q6714
S2
Q6701
Q6702
Q6703
Q6704
S3
Q6705
Q6706
Q6707
Q6708
Q6727
Q6728
Q6721
Q6722
Q6723
S1
1/2V0
Q6729
Q6730
Q6724
Q6725
Q6726
S1
Q6743
Q6744
Q6741
Q6742
VE
INSERT
Q6755
Q6745
Q6746
VE2
GENERATOR
Q6751
Q6752
Q6753
IC6711
VE GENTATOR
IC6705
Q6756
1/2 V0
TPSS1
SS2
SS45
SS49
SS47
SS41
SS42
SS43
SS44
SS3
SS46
SS48
SS40

IC6703,IC6704 LOGIC TABLE

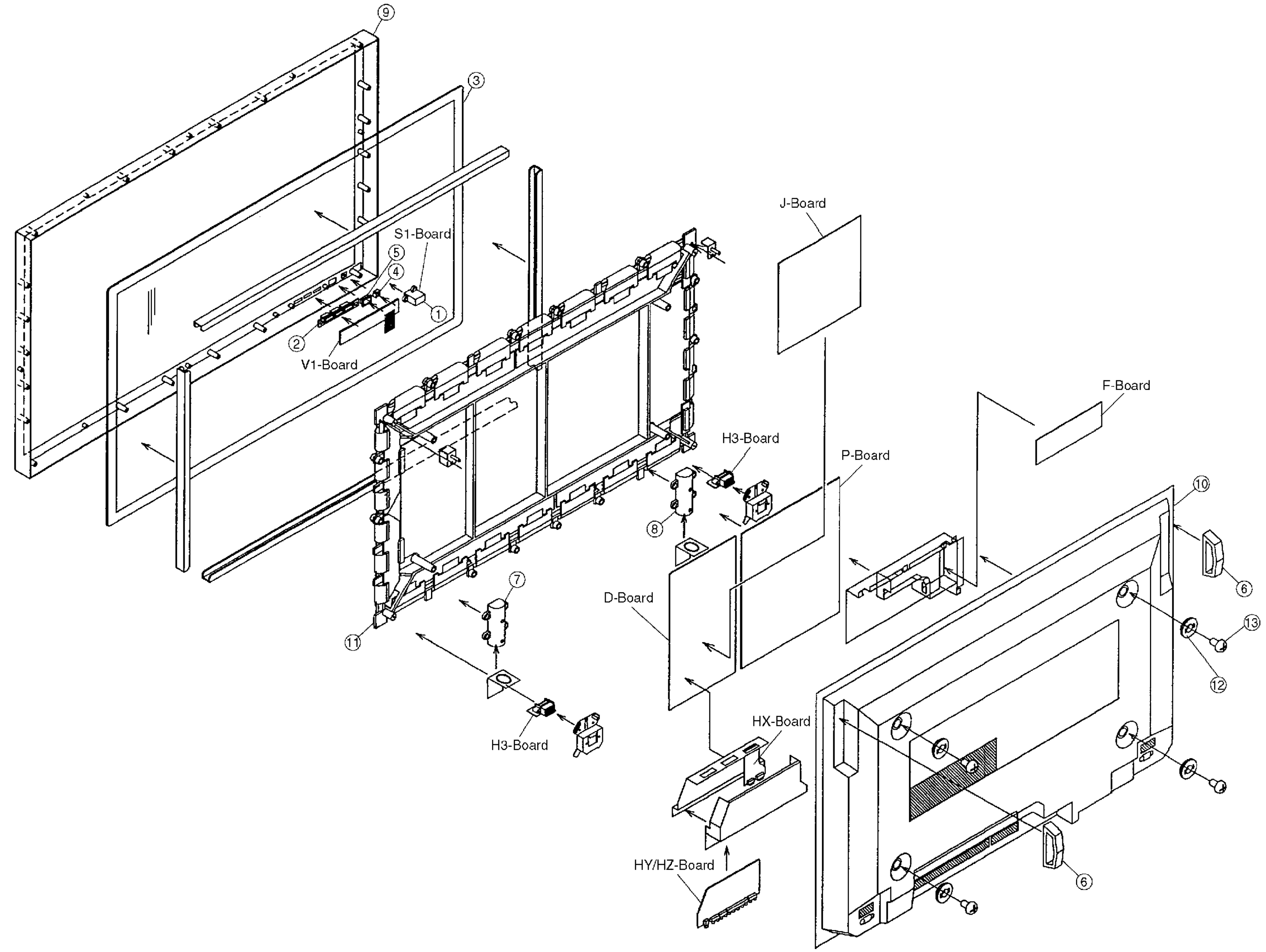
H in	L	H	L	H
L in	L	L	H	H
H out	L	L	L	H
L out	H	L	L	L

13.50. SS, SS2, SS3 and S1-Board Schematic Diagrams


A
B
C
D
E
F
1
2
3
4
5
6
7
8
9
SS-BOARD TNPA2262
S1-BOARD TNPA2283
POWER SW
SS2-BOARD TNPA2263
UP
SS3-BOARD TNPA2264
DOWN
TO P1-BOARD (P11)
TO P1-BOARD (P12)
TO C2-BOARD (C22)
TO C3-BOARD (C33)
SS11
SS12
SS22
SS33
SS34
S34
TPVSUS
TP15V
TPVDA
TPSS1
TPVe
IC6701
AN8176S
M63991FP
IC6702
AN8176S
M63991FP
IC6703
IR21084S
IC6704
IR21084S
IC6705
C0BBBA000043
(NJM2903MTE1)
AN6914S-E1
IC6706
TC74HC244AFL
MM74HC244SJX
IC6711
AN1431M
Q6701
Q6702
Q6703
Q6704
Q6705
Q6706
Q6707
Q6708
Q6711
Q6712
Q6713
Q6714
Q6721
Q6722
Q6723
Q6724
Q6725
Q6726
Q6727
Q6728
Q6729
Q6730
Q6741
Q6742
Q6743
Q6744
Q6745
Q6746
Q6751
Q6752
Q6753
Q6755
Q6756
SS41
SS42
SS43
SS44
SS45
SS46
SS47
SS48
SS49
SS40
TO DATA DRIVE
TO DATA DRIVE
TO DATA DRIVE
TO DATA DRIVE
TO DATA DRIVE
TO DATA DRIVE

14 Parts Location

Note:
The number on mechanical parts indicates Ref. No. Mechanical Replacement Parts List


⑨
③
S1-Board
⑤
④
①
②
V1-Board
J-Board
F-Board
H3-Board
P-Board
⑩
⑥
⑬
⑫
⑧
⑦
D-Board
⑪
H3-Board
HX-Board
HY/HZ-Board
⑥

15 Mechanical Replacement Parts List

15.1. US model

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	EUR646525	REMOTE CONTROL	1	
	J0KD00000049	FLAT CORE	8	
	J0KF00000018	FILTER	1	
	J0KG00000042	NOISE FILTER	1	
	K2CG3DH00025	AC CORD	1	⚠
	K5Y802B00001	FUSE	2	K5Y632B00001 ⚠
11	MC106W36P4	PLASMA DISPLAY PANEL	1	
	TBMA008	PANASONIC BADGE	1	TH-42PWD4UY
	TBMA059	PANASONIC BADGE	1	TH-42PW4UZ
1	TBXA28202A	POWER BUTTON	1	
2	TBXA28502A	HINDGE BUTTON	1	
	TESD031	SPRING	1	
	THEA068N	SCREW	4	
	THEJ004Z	SCREW	2	
	THEL023Z	SCREW	5	
	THEL027N	SCREW	6	
	THTF003Y	SCREW	4	
3	TKGA5067	FRONT GALLAS	1	
4	TKKC5105	LED PANEL	1	
5	TKPA43802	REMOCON RECEIVE PANEL	1	
6	TKRA20501	HANDLE	2	
	TMKG250	INSULATOR	2	
	TMKG251-1	INSULATOR	2	
	TMKX232	INSULATOR	1	
	TMKX233	INSULATOR	1	⚠
	TMKX236	INSULATOR	1	
	TMM15414-2	CLAMPER	1	
	TMM25401	CLAMPER	2	
	TMM7464-2	CLAMPER	1	
7	TMMD007-1	BRACKET(RIGTH)	1	TMMD007
8	TMMD008-1	BRACKET(LEFT)	1	TMMD008
	TMME047	CLAMPER	2	
	TMME075	EADG SADOLE	2	
	TMME110	CLAMPER	2	
	TMME152	CLAMPER	2	
	TMME185	CLAMPER	2	
	TMME186	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME189	CLAMPER	1	
	TMME190	CLAMPER	1	
	TMMX071	SPACER	12	
	TMWC006-1	POWER BUTTOM BRACKET	1	
	TMWF003	BRACKET	1	
	TMXX021	CORE HOLDER	4	
	TMZA5003	BRACKET	2	
	TMZX5017	STAND BRACKET	1	
	TPCA95825	CARTON BOX	1	TH-42PWD4UY
	TPCA95832	CARTON BOX	1	TH-42PW4UZ
	TPCA95901A	BOTTOM CARTON	1	
	TPD169487	JOINT	4	
	TPDA0510-1	CUSHION(UPPER RIGHT)	1	
	TPDA0511-1	CUSHION(UPPER LEFT)	1	
	TPDA0512	CUSHION(UPPER CENTER)	1	
	TPDA0513	CUSHION(BOTTOM RIGHT)	1	
	TPDA0514	CUSHION(BOTTOM LEFT)	1	
	TPDA0515-1	CUSHION(BOTTOM CENTER)	1	
	TPDF0596	CUSHION	1	
	TPDF0737	PAPER BOX	1	
	TPEH007-3	PROTECT COVER	1	
	TQBC0263	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW4UZ ⚠
	TQBC0264	INSTRUCTION BOOK(FRENCH)	1	TH-42PW4UZ ⚠
	TQBC0265	INSTRUCTION BOOK(SPANISH)	1	TH-42PW4UZ ⚠
	TQBC0266	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD4UY ⚠
	TQBC0267	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD4UY ⚠
	TQBC0268	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD4UY ⚠
	TQBC7032	SERVIS CENTER LIST	1	TH-42PW4UZ
	TSXL139	CABLE	6	
	TSXL140-1	CABLE	6	
	TSXL186	CABLE	2	
	TSXL187	CABLE(FPC)(D-C1/4)	2	
	TSXL189	CABLE(C1-C2)	2	
	TSXL191	CABLE	1	
9	TTEA0059	ESCUTCHEON	1	TH-42PWD4UY
9	TTEA0060	ESCUTCHEON	1	TH-42PW4UZ
10	TTUA0437	REAR COVER	1	TH-42PW4UZ ⚠
10	TTUA0438	REAR COVER	1	TH-42PWD4UY ⚠
	TXAJS010JAS	AC INLET	1	⚠
	TXFM010JAS	FRONT PANEL HOLDER ASS'	1	TH-42PWD4UY
	XTS3+10J	SCREW	1	
	XTV3+10J	SCREW	2	
	XYN3+F10	SCREW	1	
	XYN3+F10FZ	SCREW	8	
	XYN3+F6	SCREW	18	
	XYN3+F8	SCREW	14	
	XYN4+E8	SCREW	1	
	XYN4+F38FZ	SCREW	16	
	XYN5+C20	SCREW	8	
13	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	
12	TMMD006	WASHER	4	

15.2. Except US model

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	EUR646525	REMOTE CONTROL	1	
	J0KD00000049	FLAT CORE	8	
	J0KF00000018	FILTER	1	
	J0KG00000042	NOISE FILTER	1	
	K2CK3DH00002	AC POWER CORD	1	A VERSION ⚠
	K2CN3DH00001	AC POWER CORD	1	E R VERSION ⚠
	K2CT3DH00007	AC POWER CORD	1	B H VERSION ⚠
	K5Y802B00001	FUSE	2	K5Y632B00001 ⚠
	TBMA008	PANASONIC BADGE	1	TH-42PWD4 SERIES
	TBMA059	PANASONIC BADGE	1	TH-42PW4 SERIES
	TBMU109	SP TERMENAL PLATE	2	
1	TBXA28201A	POWER BUTTON	1	TH-42PW4 SERIES
1	TBXA28202A	POWER BUTTON	1	TH-42PWD4 SERIES
2	TBXA28501A	HINDGE BUTTON	1	TH-42PW4 SERIES
2	TBXA28502A	HINDGE BUTTON	1	TH-42PWD4 SERIES
	TESD031	SPRING	1	
	THEA068N	SCREW	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	THEL023Z	SCREW	5	
	THEL027N	SCREW	6	
	THTF003Y	SCREW	4	
3	TKGA5066	FREONT GLASS	1	
4	TKKC5105	LED PANEL	1	
5	TKPA43801	REMOCON RECEIVER PANEL	1	TH-42PW4 SERIES
5	TKPA43802	REMOCON RECEIVER PANEL	1	TH-42PWD4 SERIES
6	TKRA20501	HANDLE	2	
	TMKG288	CUSHION	2	
	TMKG289	CUSHION	2	
	TMKK104	INSULATOR	1	
	TMKX232	INSULATOR	1	
	TMKX233	INSULATOR	1	
	TMKX236	INSULATOR	1	
	TMM25401	CLAMPER	2	
	TMM6463-1	CLAMPER	1	
	TMM7464-2	CLAMPER	1	
7	TMMD007-1	BRACKET(RIGTH)	1	TMMD007
8	TMMD008-1	BRACKET(LEFT)	1	TMMD008
	TMME047	CLAMPER	2	
	TMME075	EADG SADOLE	2	
	TMME110	CLAMPER	2	
	TMME152	CLAMPER	2	
	TMME185	CLAMPER	2	
	TMME186	CLAMPER	2	
	TMME187	CLAMPER	2	
	TMME189	CLAMPER	1	
	TMME190	CLAMPER	3	
	TMMX071	SPACER	12	
	TMWC006-1	POWER BUTTOM BRACKET	1	
	TMWF003	BRACKET	1	
	TMXX021	CORE HOLDER	4	
	TMZX5017	STAND BRACKET	1	
	TPCA95826	CARTON BOX	1	TH-42PWD4EX ⚠
	TPCA95827	CARTON BOX	1	TH-42PWD4RY ⚠
	TPCA95828	CARTON BOX	1	TH-42PWD4BX ⚠
	TPCA95829	CARTON BOX	1	TH-42PWD4HY ⚠
	TPCA95830	CARTON BOX	1	TH-42PWD4AY ⚠
	TPCA95833	CARTON BOX	1	TH-42PW4EX ⚠
	TPCA95834	CARTON BOX	1	TH-42PW4RZ ⚠
	TPCA95835	CARTON BOX	1	TH-42PW4BX ⚠
	TPCA95836	CARTON BOX	1	TH-42PW4HZ ⚠
	TPCA95837	CARTON BOX	1	TH-42PW4AZ ⚠
	TPCA95901A	BOTTOM CARTON	1	
	TPD169487	JOINT	4	
	TPDA0510-1	CUSHION(UPPER RIGHT)	1	
	TPDA0511-1	CUSHION(UPPER LEFT)	1	
	TPDA0512	CUSHION(UPPER CENTER)	1	
	TPDA0513	CUSHION(BOTTOM RIGHT)	1	
	TPDA0514	CUSHION(BOTTOM LEFT)	1	
	TPDA0515-1	CUSHION(BOTTOM CENTER)	1	
	TPDF0596	CUSHION	1	
	TPDF0737	PAPER BOX	1	
	TPEH007-3	PROTECT COVER	1	
	TQBC0269	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW4EX ⚠
	TQBC0270	INSTRUCTION BOOK(GERMAN)	1	TH-42PW4EX ⚠
	TQBC0271	INSTRUCTION BOOK(FRENCH)	1	TH-42PW4EX ⚠
	TQBC0272	INSTRUCTION BOOK(ITALIAN)	1	TH-42PW4EX ⚠
	TQBC0273	INSTRUCTION BOOK(SPANISH)	1	TH-42PW4EX ⚠
	TQBC0274	INSTRUCTION BOOK(DUTCH)	1	TH-42PW4EX ⚠
	TQBC0275	INSTRUCTION BOOK(DANISH)	1	TH-42PW4EX ⚠
	TQBC0276	INSTRUCTION BOOK(SWEDISH)	1	TH-42PW4EX ⚠
	TQBC0277	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW4BX ⚠
	TQBC0293	INSTRUCTION BOOK(ENGLISH)	1	TH-42PW4AZ/HZ/RZ ⚠
	TQBC0294	INSTRUCTION BOOK(GERMAN)	1	TH-42PW4RZ ⚠
	TQBC0295	INSTRUCTION BOOK(FRENCH)	1	TH-42PW4RZ ⚠
	TQBC0296	INSTRUCTION BOOK(ITALIAN)	1	TH-42PW4RZ ⚠
	TQBC0297	INSTRUCTION BOOK(SPANISH)	1	TH-42PW4RZ ⚠
	TQBC0301	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD4AY/HY/RY ⚠
	TQBC0302	INSTRUCTION BOOK(GERMAN)	1	TH-42PWD4RY ⚠
	TQBC0303	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD4RY ⚠
	TQBC0304	INSTRUCTION BOOK(ITALIAN)	1	TH-42PWD4RY ⚠
	TQBC0305	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD4RY ⚠
	TQBC0309	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD4BX ⚠
	TQBC0310	INSTRUCTION BOOK(ENGLISH)	1	TH-42PWD4EX ⚠
	TQBC0311	INSTRUCTION BOOK(GERMAN)	1	TH-42PWD4EX ⚠
	TQBC0312	INSTRUCTION BOOK(FRENCH)	1	TH-42PWD4EX ⚠
	TQBC0313	INSTRUCTION BOOK(ITALIAN)	1	TH-42PWD4EX ⚠
	TQBC0314	INSTRUCTION BOOK(SPANISH)	1	TH-42PWD4EX ⚠
	TQBC0315	INSTRUCTION BOOK(DUTCH)	1	TH-42PWD4EX ⚠
	TQBC0316	INSTRUCTION BOOK(SWEDISH)	1	TH-42PWD4EX ⚠
	TQBC0317	INSTRUCTION BOOK(DANISH)	1	TH-42PWD4EX ⚠
	TSXL139	CABLE	6	
	TSXL140-1	CABLE	6	
	TSXL186	CABLE	2	
	TSXL187	CABLE(FPC) (D-C1/4)	2	
	TSXL189	CABLE(C1-C2&C3-C4)	2	
	TSXL191	CABLE	1	
9	TTEA0059	ECSUTCHEON	1	TH-42PWD4 SERIES ⚠
9	TTEA0061	ESCUTCHEON	1	TH-42PW4 SERIES ⚠
10	TTUA0439	REAR COVER	1	TH-42PW4BX/EX ⚠
10	TTUA0440	REAR COVER	1	TH-42PW4AZ/HZ/RZ ⚠
10	TTUA0441	REAR COVER	1	TH-42WPD4BX/EX ⚠
10	TTUA0442	REAR COVER	1	TH-42WPD4AY/HY/RY ⚠
	TXAJS010JAS	AC INLET	1	⚠
	TXFMX010JAS	FRONT PANEL HOLDER ASSY	1	
	XTB4+10A	SCREW	20	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
	XTBT964	SCREW	2	
	XTS3+10J	SCREW	1	
	XTV3+10J	SCREW	2	
	XTV3+6J	SCREW	2	
	XYF4+FL43FZ	SCREW	16	
	XYN3+F10	SCREW	1	
	XYN3+F10FZ	SCREW	8	
	XYN3+F8	SCREW	14	
	XYN4+E8	SCREW	1	
	XYN5+C20	SCREW	8	
13	XYN8+F20FZ	SCREW	4	
	XZBT6506	POLY BAG	1	
11	MC106W36P4	PLASMA DISPLAY PANEL	1	
12	TMMD006	WASHER	4	

16 Replacement Parts List

16.1. Relpacement Parts List Notes

Important Safety Notice

Components identified by ⚠ mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

RTL (Retention Time Limited)

Note: The marking (RTL) indicates that the Retention Time is Limited for this item. After the discontinuation of this assembly in production, the item will continue to be available for a specific period of time. The retention period of availability is dependant on the type of assembly, and in accordance with the laws governing part and product retention. After the end of this period, the assembly will no longer be available.

Abbreviation of part name and description

1. Resistor

Example:

ERD25TJ104 C 100KOHM, J, 1/4W
Type Allowance

Type	Allowance
C : Carbon	F : ±1%
F : Fuse	G : ±2%
M : Metal Oxide	J : ±5%
Metal FIlm	K : ±10%
S : Solid	M : ±20%
W : Wire Wound	

2. Capacitor

Example:

ECKF1H103ZF C 0.01UF, Z, 50V
Type Allowance

Type	Allowance
C : Ceramic	C : ±0.25pF
E : Electrolytic	D : ±0.5pF
P : Polyester	F : ±1pF
Polyprop	G : ±3pF
lene	J : ±5pF
T : Tantalum	K : ±10pF
	L : ±15pF
	M : ±20pF
	P : +100%, -0%
	Z : +80%, -20%

16.2. US model Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C13	K1MN80B00002	CONNECTOR	1	
C14	K1MN30B00033	CONNECTOR	1	
C22	TJSF33803A	CONNECTOR	1	K1KA03A00176
C23	K1MN80B00002	CONNECTOR	1	
C24	K1MN30B00033	CONNECTOR	1	
C32	K1MN30B00033	CONNECTOR	1	
C33	K1KA11A00102	CONNECTOR	1	K1KA11A00048
C34	K1KA08A00232	8P CONNECTOR	1	
C35	K1MN80B00002	CONNECTOR	1	
C42	K1MN30B00033	CONNECTOR	1	
C43	K1MN80B00002	CONNECTOR	1	
C081	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C401-03	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C404,05	EETHC2D122K	E 1200UF, 200V	2	
C408	ECKF1H471KB	C 470PF, K, 50V	1	
C409	ECQB1H221KF	P 220PF, K, 50V	1	
C410	ECA1EHG221	E 220UF, 25V	1	
C411	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C412	ECQE6473KF	P 0.047UF, K,630V	1	
C413	ECKD3A101KBP	C 100PF, K, 1KV	1	
C414	ECKCNA102MBB	C 1000PF, M	1	⚠
C416	ECA1EHG101	E 100UF, 25V	1	
C417	ECA1EHG221	E 220UF, 25V	1	
C419-21	ECKD3A102KBP	C 1000PF, K, 1KV	3	⚠
C426-28	ECKDAE472ZE	C 4700PF, Z,	3	⚠
C429,30	EETHC2D681J	E 680UF, 200V	2	
C432	ECKD3D152KBP	C 1500PF, K, 2KV	1	
C433	ECKF1H471KB	C 470PF, K, 50V	1	
C434	ECQB1H221KF	P 220PF, K, 50V	1	
C435	ECA1EHG221	E 220UF, 25V	1	
C436	ECKD3D152KBP	C 1500PF, K, 2KV	1	
C437	ECQE6473KF	P 0.047UF, K,630V	1	
C438	ECKD3A101KBP	C 100PF, K, 1KV	1	
C440	ECA2DHG220	E 22UF, 200V	1	
C442	ECKD3D392KBP	C 3900PF, K, 2KV	1	
C443	ECA1HHG220	E 22UF, 50V	1	
C444	ECQV1H104JM	P 0.1UF, J, 50V	1	
C445	ECA1EHG470	E 47UF, 25V	1	
C446	ECKD2H821KB2	C 820PF, K,500V	1	
C447	ECQV1H104JM	P 0.1UF, J, 50V	1	
C449	ECA1EHG470	E 47UF, 25V	1	
C450,51	ECKD2H561KB2	C 560PF, K,500V	2	
C452	EEUFC1C471	E 470UF, 16V	1	
C455	ECA1EHG102	E 1000UF, 25V	1	
C460	ECA1EHG470	E 47UF, 25V	1	
C465	EETHC2C821H	E 820UF, 160V	1	
C466,67	ECKD3A101KBP	C 100PF, K, 1KV	2	
C468	ECKD3D681KBP	C 680PF, K, 2KV	1	
C469	ECKD2H103ZU	C 0.01UF, Z,500V	1	
C470,71	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C474	ECKD3A101KBP	C 100PF, K, 1KV	1	
C475	ECKDHT122KB	C 1200PF, 500V	1	
C476	ECQB1H103JF	P 0.01UF, J, 50V	1	
C477	ECKD3A101KBP	C 100PF, K, 1KV	1	
C478	ECQB1H103JF	P 0.01UF, J, 50V	1	
C479	EETHC2D182L	E 1800UF, 200V	1	
C480	EEUEB1E101	E 100UF, 25V	1	
C481	ECKD3A471KBP	C 470PF, K, 1KV	1	
C482	ECA1EHG472	E 4700UF, 25V	1	
C484,85	ECQB1H103JF	P 0.01UF, J, 50V	2	
C486	EETHC2D182L	E 1800UF, 200V	1	
C490,91	ECA1EHG222	E 2200UF, 25V	2	
C492	EEUFC1E222	E 2200UF, 25V	1	
C498	EEUFC1E222	E 2200UF, 25V	1	
C500	ECQB1H103JF	P 0.01UF, J, 50V	1	
C506	ECQB1H222JF	P 2200PF, J, 50V	1	
C509	ECKDHT122KB	C 1200PF, 500V	1	
C511	ECA2DHG220	E 22UF, 200V	1	
C515	EEUFC1V151	E 150UF, 35V	1	
C517	EEUFC1V151	E 150UF, 35V	1	
C518	ECA1HHG470	E 47UF, 50V	1	
C519	ECKF1H223ZF	C 0.022UF, Z, 50V	1	
C521	EEUFC1A682	E 6800UF, 10V	1	
C522	ECKF1H223ZF	C 0.022UF, Z, 50V	1	
C523	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C524	ECQV1H105JM	P 1UF, J, 50V	1	
C528,29	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C530	ECA1EHG471	E 470UF, 25V	1	
C531	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C533	ECA1HHG101	E 100UF, 50V	1	
C534	ECA1EHG101	E 100UF, 25V	1	
C535	ECA1AHG471	E 4700UF, 10V	1	
C537	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C538	ECA1EHG101	E 100UF, 25V	1	
C539-43	ECKF1H103ZF	C 0.01UF, Z, 50V	5	
C544	ECA1EHG101	E 100UF, 25V	1	
C900,01	ECQU2A224BN9	P 0.22UF, 250V	2	⚠
C902	ECQU2A105BN9	P 1UF, 250V	1	⚠
C903-06	ECKCNA221KB7	C 2200PF	4	⚠
C951	EEUFC1E331	E 330UF, 25V	1	
C952	ECJ2XB1H103J	C 0.01UF, J, 50V	1	
C953	F1L1E4750004	C 4.7UF, 25V	1	
C954	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C955	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C956	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C957	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C958	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C959	ECJ2XB1H103J	C 0.01UF, J, 50V	1	
C960,61	EEUFC0J331	E 330UF, 6.3V	2	
C1001,02	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C1003	EEVHB1C470	E 47UF, 16V	1	
C1004,05	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C1006	EECS5R5V155	E 1.5UF, 5.5V	1	
C1007,08	ECJ1XC1H330J	C 33PF, J, 50V	2	
C1009	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C1010	ECJ2XB1H563K	C 0.056UF, K, 50V	1	
C2312	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2313	ECA1HHG470	E 47UF, 50V	1	
C2314	ECA1CHG470	E 47UF, 16V	1	
C2316,17	ECQV1H474JM	P 0.47UF, J, 50V	2	
C2318,19	ECJ2XC1H561J	C 560PF, J, 50V	2	
C2320-22	ECJ2VF1H104Z	C 0.1UF, Z, 50V	3	
C2323	ECA1HHG221	E 220UF, 50V	1	
C2324	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2325	ECA1HHG221	E 220UF, 50V	1	
C2326,27	ECJ2XC1H221J	C 220PF, J, 50V	2	
C2328,29	ECJ2VF1H104Z	C 0.1UF, Z, 50V	2	
C2330	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2331	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2332	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2333	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2334,35	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026
C2336,37	ECJ2XB1H473K	C 0.047UF, K, 50V	2	
C2338,39	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2340-43	ECJ2VF1H104Z	C 0.1UF, Z, 50V	4	
C2344-47	EEUGZ1D102SB	E 1000UF, 20V	4	
C2348	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2349,50	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	EEVHB1C100	E 10UF, 16V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	EEVHB1C100	E 10UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2429	ECA1CHG101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2437,38	ECA1CHG101	E 100UF, 16V	2	
C2440,41	TCUY1C475ZFM	C 4.7UF, 16V	2	F1K1C4750018
C2442	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2450	EEVHB1C100	E 10UF, 16V	1	
C2451	EEVHB1E4R7	E 4.7UF, 25V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	EEVHB1E4R7	E 4.7UF, 25V	1	
C2455	EEVHB1C470	E 47UF, 16V	1	
C2457	EEVHB1E4R7	E 4.7UF, 25V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C2459	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	TCUY1C105KBM	C 1UF, 16V	2	F1K1C105A026
C2480	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2484	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3001-03	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3004	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3005-07	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3008,09	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3010-12	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3013,14	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3015-17	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3018	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3019	ECEA1CKA470	E 47UF, 16V	1	
C3020	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021	EEVHB1C470	E 47UF, 16V	1	
C3022	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C3023	EEVHB1C470	E 47UF, 16V	1	
C3024	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C3028	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3029	EEVHB1C470	E 47UF, 16V	1	
C3030,31	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3032	EEVHB1C470	E 47UF, 16V	1	
C3033-35	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3036	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3037-39	EEVHB1C470	E 47UF, 16V	3	
C3042	EEVHB1C470	E 47UF, 16V	1	
C3043	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C3044	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3045,46	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C3047,48	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3049,50	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEVHB1C470	E 47UF, 16V	1	
C3406	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3407	EEVHB1C470	E 47UF, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3410	EEVHB1C470	E 47UF, 16V	1	
C3501	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3516-18	EEVHB1C470	E 47UF, 16V	3	
C3520	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3521	EEVHB1C470	E 47UF, 16V	1	
C3523	EEVHB1C470	E 47UF, 16V	1	
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3529-31	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C3533,34	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3542	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3544	EEVHB1C470	E 47UF, 16V	1	
C3550	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3551	EEVHB1C470	E 47UF, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	ECUX1H180JCV
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152P	E 1500UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3854	ECJ1VC1H080C	C 0.8PF, J, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152P	E 1500UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C3877	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
C6401-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6411	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6412	ECJ2XB1H102K	C 1000PF, K, 50V	1	ECUM1H102KBN
C6413-16	ECJ3XB2J222K	C 2200PF, K,630V	4	
C6417	ECJ2XB1H221K	C 220PF, K, 50V	1	ECJ2VB1H221K
C6421	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6422	ECJ2XB1H102K	C 1000PF, K, 50V	1	ECUM1H102KBN
C6423-26	ECJ3XB2J222K	C 2200PF, K,630V	4	
C6451	F1K2A1040004	C 0.1UF, 100V	1	
C6452-54	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C6455	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6456	ECA2AHG101	E 100UF, 100V	1	
C6457	ECA1EHG101	E 100UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1EHG101	E 100UF, 25V	1	
C6462	ECJ4XB1E475M	C 4.7UF, M, 25V	1	ECJ4YB1E475M
C6463	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6471	F1K2A1040004	C 0.1UF, 100V	1	
C6472-74	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C6475	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6476	EEUED2C470	E 47UF, 160V	1	
C6481-87	ECJ3XB2J102K	C 1000PF, K,630V	7	
C6491	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6492	ECA2VHG010	E 1UF, 350V	1	
C6493,94	ECJ3XB2J222K	C 2200PF, K,630V	2	
C6501,02	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6504-06	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6508	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C6511,12	TCUY1E105KBM	C 1UF, K, 25V	2	F1K1E1050001
C6513	ECA2AHG101	E 100UF, 100V	1	
C6521	ECJ4XB1E475M	C 4.7UF, M, 25V	1	ECJ4YB1E475M
C6522	EEUFC1E470	E 47UF, 25V	1	
C6524,25	ECWU2102KC9	P 1000PF, 200V	2	
C6526	ECA2EHG4R7	E 4.7UF, 250V	1	
C6540	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6541,42	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6543,44	ECWU2102KC9	P 1000PF, 200V	2	
C6545	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6546	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6550	EEUED2C470	E 47UF, 160V	1	
C6571,72	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6574-76	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6578	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6598	ECA2AHG470	E 47UF, 100V	1	
C6601-04	EEUED2D151	E 150UF, 200V	4	
C6605	ECQE2105RK	P 1UF, 250V	1	
C6607	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6608	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6611-18	ECJ3XB2J102K	C 1000PF, K,630V	8	
C6621-30	ECQE2105RK	P 1UF, 250V	10	
C6631,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6633	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6634,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6636	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6638	ECWU1224KC9	P 0.22UF, 100V	1	
C6644,45	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6646-48	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6651	EEUED2D151	E 150UF, 200V	1	
C6655	EEUFC1A101	E 100UF, 10V	1	
C6701-04	EEUED2D151	E 150UF, 200V	4	
C6705,06	ECQE2105RK	P 1UF, 250V	2	
C6707,08	EEUED2C470	E 47UF, 160V	2	
C6711-18	ECJ3XB2J102K	C 1000PF, K,630V	8	
C6721-30	ECQE2105RK	P 1UF, 250V	10	
C6731,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6733	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6734,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6736	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6738	ECWU1224KC9	P 0.22UF, 100V	1	
C6740	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6741	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6743-46	TCUY1E105KBM	C 1UF, K, 25V	4	F1K1E1050001
C6747	EEUED2D151	E 150UF, 200V	1	
C6748	EEUFC1E221	E 220UF, 25V	1	
C6750,51	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6753,54	EEUFC1E221	E 220UF, 25V	2	
C6755	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6756	EEUFC1A101	E 100UF, 10V	1	
C6771-78	ECJ3XB2J102K	C 1000PF, K,630V	8	
C7110-12	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7115	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7117	F1K2A1040004	C 0.1UF, 100V	1	
C7121	F1K2A1040004	C 0.1UF, 100V	1	
C7123	F1K2A1040004	C 0.1UF, 100V	1	
C7125	F1K2A1040004	C 0.1UF, 100V	1	
C7209-12	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7214	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7216	F1K2A1040004	C 0.1UF, 100V	1	
C7221	F1K2A1040004	C 0.1UF, 100V	1	
C7223	F1K2A1040004	C 0.1UF, 100V	1	
C7225	F1K2A1040004	C 0.1UF, 100V	1	
C7227	F1K2A1040004	C 0.1UF, 100V	1	
C7309-11	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7313,14	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C7316	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7317	F1K2A1040004	C 0.1UF, 100V	1	
C7321	F1K2A1040004	C 0.1UF, 100V	1	
C7323	F1K2A1040004	C 0.1UF, 100V	1	
C7325	F1K2A1040004	C 0.1UF, 100V	1	
C7327	F1K2A1040004	C 0.1UF, 100V	1	
C7410-12	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7414	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7417	F1K2A1040004	C 0.1UF, 100V	1	
C7421	F1K2A1040004	C 0.1UF, 100V	1	
C7423	F1K2A1040004	C 0.1UF, 100V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C7425	F1K2A1040004	C 0.1UF, 100V	1	
C8001	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8002	EEVHP1E220	E 22UF, 25V	1	
C8003	ECJ2XB1H471K	C 470PF, K, 50V	1	
C8004	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8005	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8007	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8008	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8009	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8010	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8011	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8012	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C8013	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8014,15	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C8016	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8017	EEVHB1C470	E 47UF, 16V	1	
C8018	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C8019	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C8020	ECJ2XC1H101J	C 100PF, J, 50V	1	
C8021	ECJ2XC1H152J	C 1500PF, J, 50V	1	ECJ2VC1H152J
C8022	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8023	EEVHB1C470	E 47UF, 16V	1	
C9001-03	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9005	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9006	EEVHB1C470	E 47UF, 16V	1	
C9007	EEVHB0G221	E 220UF, 4V	1	
C9008-10	EEVHP1E220	E 22UF, 25V	3	
C9011-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9014	EEVHB1C470	E 47UF, 16V	1	
C9015-18	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9021-23	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9025-27	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9029-31	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9034-36	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9037-39	ECJ1XC1H030C	C 3PF, C, 50V	3	
C9041	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9042	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9043-48	ECJ3XF1C475Z	C 4.7UF, Z, 16V	6	
C9050	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9051,52	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9053	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9055	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9057	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9058	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9059	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9060	EEVHB1C470	E 47UF, 16V	1	
C9061	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9063	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9067	EEVHB1A471	E 470UF, 10V	1	
C9068,69	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9070	EEVHB0G221	E 220UF, 4V	1	
C9071	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9072	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9073	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9074	EEVHB0G221	E 220UF, 4V	1	
C9075	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9076	EEVHB0G221	E 220UF, 4V	1	
C9077	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9078	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9079,80	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9081	EEVHB0G221	E 220UF, 4V	1	
C9082	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9083	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9084	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9091	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9092	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9093	EEVHB0G221	E 220UF, 4V	1	
C9094	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C9095-97	ECJ1VF1H103Z	C 0.01UF, Z, 50V	3	
C9098-00	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C9101-03	ECJ3VB1C474K	C 0.47UF, K, 16V	3	
C9104-07	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C9108-10	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9111-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9117-19	EEVHB1A471	E 470UF, 10V	3	
C9200,01	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9204-08	ECJ1VF1C104Z	C 0.1UF, Z, 16V	5	
C9210	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9211,12	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9215	ECJ1XC1H151J	C 150PF, J, 50V	1	ECUX1H151JCV
C9216,17	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9218	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9219	EEVHB1C470	E 47UF, 16V	1	
C9220	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9221	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9222-27	ECJ1VF1C104Z	C 0.1UF, Z, 16V	6	
C9229-36	ECJ1VF1C104Z	C 0.1UF, Z, 16V	8	
C9237	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9238-40	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9243,44	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9245,46	EEVHB1C470	E 47UF, 16V	2	
C9248,49	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C9250,51	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9253,54	TCUY1C105KBM	C 1UF, 16V	2	F1K1C105A026
C9255	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9256,57	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9258	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9260,61	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9262,63	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9264	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9265	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9266	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9271	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9272	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9273	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9274	EEVHB1C470	E 47UF, 16V	1	
C9275	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9276	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9277	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9278	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9279	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9280	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C9281	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9285	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9290	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9306	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9308-11	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9314,15	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9317	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9319	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9322	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9327	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9331	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9333-37	ECJ1VF1C104Z	C 0.1UF, Z, 16V	5	
C9400	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9401	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9402,03	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9404	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9405	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9406	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9407-14	ECJ1VF1C104Z	C 0.1UF, Z, 16V	8	
C9415	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9417-19	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9422	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9500	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9502	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9503	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9504-15	ECJ1VF1C104Z	C 0.1UF, Z, 16V	12	
C9518,19	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9522-25	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9526-29	ECJ3XF1C475Z	C 4.7UF, Z, 16V	4	
C9534-44	ECJ1VF1C104Z	C 0.1UF, Z, 16V	11	
C9545,46	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9547-57	ECJ1VF1C104Z	C 0.1UF, Z, 16V	11	

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C9558	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9559	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9560	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9562	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9572	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9701	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9702	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9703	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9704	EEVHB1C470	E 47UF, 16V	1	
C9705	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9708,09	ECJ1XC1H101J	C 100PF, J, 50V	2	
C9710	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9711	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9712	EEVHB1C470	E 47UF, 16V	1	
C9713	ECJ1XB1C563K	C 0.056UF, K, 16V	1	ECJ1VB1C563K
C9714-16	ECJ1XC1H101J	C 100PF, J, 50V	3	
C9717	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9718	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9719,20	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9721	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9722	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9723	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9724-27	ECJ1VF1H103Z	C 0.01UF, Z, 50V	4	
C9728,29	ECJ1XC1H100D	C 10PF, D, 50V	2	ECUX1H100DCV
C9730	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9731	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9732	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9733	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9734,35	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9736,37	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9739-41	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9742	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9743	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9744	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9750	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9801	EEVHB0G221	E 220UF, 4V	1	
C9802	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9803	EEVHB0G221	E 220UF, 4V	1	
C9804	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9805	EEVHB0G221	E 220UF, 4V	1	
C9806,07	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C9810,11	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C9813	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9815	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9817-19	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9900	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9902	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9903	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9906,07	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9909-11	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9912	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9913,14	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9915-17	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9918	EEVHB1C470	E 47UF, 16V	1	
C9919	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9922	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9923	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9926	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9928	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9932	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9933	ECJ1XC1H471J	C 470PF, Z, 50V	1	
C6488	ECJ3XB2J102K	C 1000PF, K,630V	1	
CA1-A7	K1MN80B00001	1P CONNECTOR	7	
CB1-B7	K1MN80B00001	1P CONNECTOR	7	
D2	TJSF31010	CONNECTOR	1	K1KA10A00170
D3	K1KA06A00207	CONNECTOR	1	
D4	TJSF12608	8P CONNECTOR	1	K1KA08A00138
D5	TJSF31004	CONNECTOR	1	K1KA04A00152
D6	TJSF12506	6P CONNECTOR	1	K1KA06A00149

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D7	K1KA09A00077	CONNECTOR	1	
D8	K1KA14A00165	CONNECTOR	1	
D9	K1KA40A00140	CONNECTOR	1	
D13	K1MN80B00002	CONNECTOR	1	
D20	K1KA10A00266	CONNECTOR	1	
D21	K1KA08A00232	8P CONNECTOR	1	
D23	K1MN80B00002	CONNECTOR	1	
D35	K1MN80B00002	CONNECTOR	1	
D43	K1MN80B00002	CONNECTOR	1	
D081	LNJ107W5PRW	LED	1	
D082	MA8056M	ZENER DIODE	1	MAZ80560M
D401	RBV-608	DIODE	1	B0FBAT000002 ⚠
D404	TMPG10G3	DIODE	1	B0BA01000046
D405-07	ERA22-04	DIODE	3	B0HAGP000001
D408	TVSRG2A	DIODE	1	B0EAKR000024
D409	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 ⚠
D410	B0BA02700021	DIODE	1	
D412	B0BA02700021	DIODE	1	
D419	S1WBA80	DIODE	1	B0EBKT000003 ⚠
D420	ERA22-10	DIODE	1	B0EAEV000002
D424	D1NL40V70	DIODE	1	B0HALP000002
D425	MA4082L	ZENER DIODE	1	MAZ40820L
D426	D4SB80Z	DIODE	1	⚠
D429	TMPG10G3	DIODE	1	B0BA01000046
D430-32	ERA22-04	DIODE	3	B0HAGP000001
D433	TVSRG2A	DIODE	1	B0EAKR000024
D434,35	PC123FY2	PHOTO COUPLER	2	B3PAA0000012 ⚠
D439,40	EU02	DIODE	2	B0HAMC000013
D448	MA4051M	ZENER DIODE	1	MAZ40510M
D449	ERA22-04	DIODE	1	B0HAGP000001
D451	ERA15-02	DIODE	1	B0EAKM000016
D452	MA4056M	ZENER DIODE	1	MAZ40560M
D455,56	ERA22-04	DIODE	2	B0HAGP000001
D462	ERA22-04	DIODE	1	B0HAGP000001
D463	ERC91-02	DIODE	1	B0HAPM000003
D464	FMLG16S	DIODE	1	B0HARR000008
D465-68	ERA22-04	DIODE	4	B0HAGP000001
D469-72	ERC91-02	DIODE	4	B0HAPM000003
D473	MA6D90	DIODE	1	MA3D690
D474	MA700A	DIODE	1	MA2C700A
D478	D1NL40V70	DIODE	1	B0HALP000002
D481	MA4150M	ZENER DIODE	1	MAZ41500M
D482	D1NL40V70	DIODE	1	B0HALP000002
D483,84	MA167	DIODE	2	MA2C167
D485	MA4150M	ZENER DIODE	1	MAZ41500M
D486,87	MA167	DIODE	2	MA2C167
D488	MA4056M	ZENER DIODE	1	MAZ40560M
D490	MA165	DIODE	1	MA2C165
D492	MA165	DIODE	1	MA2C165
D495	RK34	DIODE	1	B0JANE000006
D500	MA165	DIODE	1	MA2C165
D501	MA4047H	ZENER DIODE	1	MAZ40470H
D503	MA4039H	ZENER DIODE	1	MAZ40390H
D504	MA4068M	ZENER DIODE	1	MAZ40680M
D507	MA4068H	ZENER DIODE	1	MAZ40680H
D511	MA2330-A	ZENER DIODE	1	MAZ23300A
D514	MA165	DIODE	1	MA2C165
D516	MA165	DIODE	1	MA2C165
D900	ERZV10V621P2	VARISTOR	1	⚠
D951,52	MA111	DIODE	2	MA2J111
D953	B0JCPD000010	DIODE	1	
D1001	MA111	DIODE	1	MA2J111
D2301-04	M1FS4	DIODE	4	
D2305,06	RU4AM	DIODE	2	
D2307	MA111	DIODE	1	MA2J111
D2308	MA152WK	DIODE	1	MA3X152E
D3001	MA111	DIODE	1	MA2J111
D3002	M1FS4	DIODE	1	
D3351,52	MA153	DIODE	2	MA3X153
D3501-04	MA3056M	ZENER DIODE	4	MAZ30560M

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D3505,06	MA153	DIODE	2	MA3X153
D3507	MA111	DIODE	1	MA2J111
D6401-03	MA8056H	ZENER DIODE	3	
D6405	D1FL40F4063	DIODE	1	B0ECHP000001
D6406,07	MA8056H	ZENER DIODE	2	
D6451	M1FL20UF4063	DIODE	1	B0HCMM000009
D6452,53	MA111	DIODE	2	MA2J111
D6454	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6455	MA111	DIODE	1	MA2J111
D6456,57	M1FL20UF4063	DIODE	2	B0HCMM000009
D6460,61	EC8FS6	DIODE	2	
D6465	MA8051L	ZENER DIODE	1	
D6466	MA8330M	ZENER DIODE	1	
D6467	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6468	MA111	DIODE	1	MA2J111
D6469	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6470	MA111	DIODE	1	MA2J111
D6471	M1FL20UF4063	DIODE	1	B0HCMM000009
D6472,73	MA111	DIODE	2	MA2J111
D6474	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0ECHP000001
D6478	EC8FS6	DIODE	1	
D6491,92	D1FL40F4063	DIODE	2	B0ECHP000001
D6495	EC8FS6	DIODE	1	
D6501-06	K7GBZEE00002	PHOTO COUPLER	6	
D6508	K7GBZEE00002	PHOTO COUPLER	1	
D6509	MA111	DIODE	1	MA2J111
D6511	M1FL20UF4063	DIODE	1	B0HCMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6521	D1FL40F4063	DIODE	1	B0ECHP000001
D6522	MA111	DIODE	1	MA2J111
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	MA2J111
D6526	M1FL20UF4063	DIODE	1	B0HCMM000009
D6527	MA111	DIODE	1	MA2J111
D6529,30	MA8051L	ZENER DIODE	2	
D6541	EC8FS6	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	ZENER DIODE	1	
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	MA2J111
D6551,52	MA8051L	ZENER DIODE	2	
D6570	M1FL20UF4063	DIODE	1	B0HCMM000009
D6572	D1FL40F4063	DIODE	1	B0ECHP000001
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	
D6611-14	M1FS4	DIODE	4	
D6615	D1FL40F4063	DIODE	1	B0ECHP000001
D6620-22	SF20LC30F10	DIODE	3	
D6624-33	B0HBSM000031	DIODE	10	
D6635	MA8051L	ZENER DIODE	1	
D6636	MA111	DIODE	1	MA2J111
D6640	D1FL40F4063	DIODE	1	B0ECHP000001
D6641,42	M1FS4	DIODE	2	
D6645-47	D1FL40F4063	DIODE	3	B0ECHP000001
D6671-73	M1FL20UF4063	DIODE	3	B0HCMM000009
D6711-14	M1FS4	DIODE	4	
D6715	D1FL40F4063	DIODE	1	B0ECHP000001
D6720-22	SF20LC30F10	DIODE	3	
D6724-33	B0HBSM000031	DIODE	10	
D6735	MA8051L	ZENER DIODE	1	
D6736	MA111	DIODE	1	MA2J111
D6740,41	D1FL40F4063	DIODE	2	B0ECHP000001
D6750,51	D1FL40F4063	DIODE	2	B0ECHP000001
D6752,53	M1FS4	DIODE	2	
D6754	D1FL40F4063	DIODE	1	B0ECHP000001
D6755	M1FS4	DIODE	1	
D6756	TMPG10G3	DIODE	1	B0BA01000046

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6760	MA111	DIODE	1	MA2J111
D6761	MA8051L	ZENER DIODE	1	
D6763	MA8051L	ZENER DIODE	1	
D6764	MA111	DIODE	1	MA2J111
D6765	LNJ201LPQJA	LED	1	
D6766,67	MA8330M	ZENER DIODE	2	
D8001,02	MA111	DIODE	2	MA2J111
D9012,13	MA3062M	ZENER DIODE	2	MAZ30620M
D9015,16	MA3062M	ZENER DIODE	2	MAZ30620M
D9018	MA3062M	ZENER DIODE	1	MAZ30620M
D9022,23	MA3062M	ZENER DIODE	2	MAZ30620M
D9035	MA3036H	ZENER DIODE	1	MAZ30360H
D9200-02	MA152K	DIODE	3	MA3X152K
D9700	MA152K	DIODE	1	MA3X152K
D9705	MA3062M	ZENER DIODE	1	MAZ30620M
D9706	MA152K	DIODE	1	MA3X152K
D9720	MA3062M	ZENER DIODE	1	MAZ30620M
F900-1.	EYF-52BC	FUSE HOLDER	1	
F1	TJS3A9630	CONNECTOR	1	K1KA03A00183
F900-2.	EYF-52BC	FUSE HOLDER	1	
F9	TJS3A9630	CONNECTOR	1	K1KA03A00183
F901-1.,2.	EYF-52BC	FUSE HOLDER	2	
H1	K1KB50B00030	CONNECTOR	1	
H2	K1KB40B00015	CONNECTOR	1	
H37	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
HX1	K1KB40B00015	CONNECTOR	1	
IC401	STRF6629B	IC	1	C0DAAMH00002
IC403	MIP0210SY1TV	IC (LOGIC)	1	
IC426	STRF6629B	IC	1	C0DAAMH00002
IC427	AN7718F	LINEAR IC	1	
IC461,62	UPC1093J	LINEAR IC	2	C0DAEMC00002
IC464,65	UPC1093J	LINEAR IC	2	C0DAEMC00002
IC468	SI-8050S	HYBRID IC	1	C0DAAHH00013
IC470	PQ30RV21A	LINEAR IC	1	C0DAEZH00008
IC471	AN77L05	LINEAR IC	1	
IC472	AN6912	LINEAR IC	1	
IC473	PQ05RF1B	LINEAR IC	1	C0DAZHG00013
IC474	AN6913	LINEAR IC	1	AN6913-NT
IC951	C0DBAZH00006	IC	1	
IC1001	TC7SH32F	IC	1	C0JBAE000191
IC1002	C2BBFE000106	IC	1	C2BBFD000330
IC1003	M51957BFP	LINEAR IC	1	C0EBB0000024
IC1004	C1DB00000274	IC	1	
IC2301,02	TDA7480	LINEAR IC	2	C1AA00000561
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC2401	BH3865S	LINEAR IC	1	C1BA00000302
IC3001	C1AB00001139	IC	1	
IC3002,03	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	C0JBAR000021
IC3004	CXA1315M	LINEAR IC	1	C1AB00000440
IC3006	PQ09SZ1T	IC	1	C0CBAHG00005
IC3007,08	PQ12SZ1T	IC	2	C0CBAKG00003
IC3009	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	C0JBAS000109
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3302	AD8055ART	IC	1	C0ABGB000001
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3501	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAZ001265
IC3502	TVRJ598	IC	1	C3EBCC000020
IC3515	MAX202CSE	IC	1	C0ZBZ0000205
IC3699	TVRJ595	ROM IC	1	C3EAGC000012
IC3801	MM1065ZMR	IC	1	
IC3802	PST9128NR	IC (LOGIC)	1	C0EBE0000066
IC3803	TVSA0367	IC	1	C3ABMG000064
IC3804	C1AB00001494	IC	1	C1AB00001468
IC3805,06	MM1065ZMR	IC	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC6401-08	AN8447GHK-V	LINEAR IC	8	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	AN78L15M	LINEAR IC	2	
IC6454	AN78L05M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	TC74HC14AF	IC	2	C0JBAB000155
IC6511	C0ZBZ0000561	IC	1	
IC6521	C0ZBZ0000561	IC	1	
IC6541,42	C0ZBZ0000561	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6601-03	AN8176SV	LINEAR IC	3	
IC6605,06	TC74HC244AF	IC	2	C0JBAZ001599
IC6701,02	AN8176SV	LINEAR IC	2	
IC6703,04	C0ZBZ0000561	IC	2	
IC6705	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6706	TC74HC244AF	IC	1	C0JBAZ001599
IC6711	AN1431M	LINEAR IC	1	
IC7101	C0JBAZ000005	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7102	AN1431M-E1	IC	1	
IC7201	C0JBAZ000005	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7202	AN1431M-E1	IC	1	
IC7301	C0JBAZ000005	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7302	AN1431M-E1	IC	1	
IC7401	C0JBAZ000005	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7402	AN1431M-E1	IC	1	
IC8001	M52036SP	LINEAR IC	1	C1AA00000392
IC8002	TC74HC14AF	IC	1	C0JBAB000155
IC8003	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9000-02	AD8055ART	IC	3	C0ABGB000001
IC9003	PQ09SZ1T	IC	1	C0CBAHG00005
IC9004-06	M52055FP	LINEAR IC	3	C1AB00000735
IC9007-09	C0FBAD000053	IC	3	
IC9010	PQ12SZ1T	IC	1	C0CBAKG00003
IC9012	PQ09SZ1T	IC	1	C0CBAHG00005
IC9013	CXA1315M	LINEAR IC	1	C1AB00000440
IC9014	PQ07VZ012ZP	IC	1	C0DBEZG00004
IC9018	PQ07VZ012ZP	IC	1	C0DBEZG00004
IC9019-21	C0ABZA000031	IC	3	
IC9200,01	MNX7320DV10	IC	2	
IC9202	CXA1315M	LINEAR IC	1	C1AB00000440
IC9204	MN84503	MOS IC	1	
IC9206	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9207	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC9209	MNX7320DV10	IC	1	
IC9211	TLC2932IPWL	LINEAR IC	1	C0ABFA000011
IC9212	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9213,14	AN78L05M	LINEAR IC	2	
IC9215	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9216	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9217	AN78L05M	LINEAR IC	1	
IC9223	C0JBAB000468	IC	1	
IC9302	MN82860	MOS IC	1	
IC9400	MN84502	MOS IC	1	
IC9401	TVRJ606	ROM IC	1	
IC9402,03	MNX7320DV10	IC	2	
IC9501	MN7E007P5B	MOS IC	1	
IC9502,03	MNX7320DV10	IC	2	
IC9506,07	MNX7320DV10	IC	2	
IC9508,09	MN7D029P5A	MOS IC	2	
IC9510,11	TC74ACT244F	INTEGRATED CIRCUIT	2	C0JBAZ000448

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9512,13	MN7D029P5A	MOS IC	2	
IC9514,15	TC74ACT244F	INTEGRATED CIRCUIT	2	C0JBAZ000448
IC9516	C0ZBZ0000268	IC	1	
IC9701	MN102L230	IC	1	
IC9702	HM538123BJ8Z	IC	1	C3HAHC000006
IC9703	MN1382R	MOS IC (MICON LSI)	1	MN1382-R
IC9704	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC9705	TVRJ562	ROM IC	1	
IC9706	TVRJ601	INTEGRATED CIRCUIT	1	C3EBGC000018
IC9707	M51957BFP	LINEAR IC	1	C0EBB0000024
IC9801	C0ZBZ0000551	IC	1	
IC9802-04	TC74LCX574F	MOS IC (CMOS S/LOGIC)	3	C0JBAF000218
IC9900	C0JBAZ001486	IC	1	
IC9901S	TJSB01108	IC SOCKET	1	
IC9901	TVRJ563	ROM IC	1	
IC9902	TC74HCU04AF	MOS IC (CMOS S/LOGIC)	1	C0JBAB000159
IC9903-05	TC74ACT244F	INTEGRATED CIRCUIT	3	C0JBAZ000448
IC9906	PST9128NR	IC (LOGIC)	1	C0EBE0000066
IC9907	C0ZBZ0000423	IC	1	
J1	K1KA50B00064	CONNECTOR	1	
J2,J3	K1KA40B00076	CONNECTOR	2	
J6	TJS1A8820	6P CONNECTOR	1	K1KA06A00220
J8	K1KA14B00088	CONNECTOR	1	
J9	K1KA40A00140	CONNECTOR	1	
J10	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
J11	TJS1A8090	PHONO PIN (3P)	1	K1KA03B00045
J13	K1KA07B00051	CONNECTOR	1	
J14	TJS3A8580	10P CONNECTOR	1	K1KA10B00148
J3001	TJS1A8130	PHONO PIN (7P)	1	K1KA07B00026
J3002	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
JK3300	K2HA204B0097	JACK	1	TH-42PWD4UY
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K10BB2AB0005	CONNECTOR	1	TH-42PWD4UY
JK3303	K2HA204B0097	JACK	1	TH-42PWD4UY
JK3304	K10BB5AB0003	CONNECTOR	1	TH-42PW4UY
JK3305	K2HA306B0049	JACK	1	TH-42PW4UZ
JK3306	K2HA306B0048	JACK	1	TH-42PW4UZ
JK3307	K2HA204B0097	JACK	1	TH-42PW4UZ
JK3308	K2HA204B0096	JACK	1	TH-42PW4UZ
JK3509	TJS4A8390	CONNECTOR	1	K1FB109B0058
JK3511	TJS8A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS1	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS1-24	ERJ3GEY0R00	M 0 OHM, 1/16W	24	
JS28	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS29	ERDS2TC0	C 0 OHM, 1/4W	1	
JS32	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2301	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
JS3001-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS8019	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
L401,02	TLPF116	CHOKE COIL	2	⚠
L404,05	EXCELSA39	BEAD CHOKE	2	
L406	ELEXH100KA	PEAKING COIL	1	
L407	ELF11M010E	LINE FILTER	1	⚠
L426	EXCELSA35	BEAD CHOKE	1	
L427,28	EXCELSA39	BEAD CHOKE	2	
L430	EXCELSA35	BEAD CHOKE	1	
L461	EXCELSA39	BEAD CHOKE	1	
L465	EXCELSA39	BEAD CHOKE	1	
L466	EXCELDR25C	BEAD CHOKE	1	
L467,68	EXCELDR35C	BEAD CHOKE	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L469	TLPF075	CHOKE COIL	1	G0A221G00004
L470-73	EXCELDR35C	BEAD CHOKE	4	
L474	TALL08N470KA	INDUCTION COIL	1	G0A470GA0011
L476	TALL08N470KA	INDUCTION COIL	1	G0A470GA0011
L902,03	TLPD048	LINE FILTER	2	⚠
L951	G0A2R2J00002	LINE CHOKE COIL	1	
L952	G1C100M00023	INDUCTOR COIL	1	
L953	TALL08N1R0NA	INDUCTION COIL	1	G0A1R0JA0003
L1001,02	ELJPA100KB	CHIP INDUCTOR	2	
L2301,02	ELC10E680	LC FILTER	2	
L2303,04	EXCELDR35C	BEAD CHOKE	2	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L2401	ELJPA100KB	CHIP INDUCTOR	1	
L3001-07	ELJPA100KB	CHIP INDUCTOR	7	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-13	TLK212T256AL	EMI FILTER	4	J0HAAB000012
L3525,26	ELJPA100KB	CHIP INDUCTOR	2	
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
L6451,52	TSKA122	CHIP INDUCTOR	2	J0JJC0000011
L6471	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6472	TSKA158	BEAD CORE	1	G0ZZ00001935
L6601	G0A471F00002	LINE CHOKE COIL	1	
L6602	TSKA158	BEAD CORE	1	G0ZZ00001935
L6604,05	TSKA158	BEAD CORE	2	G0ZZ00001935
L6606	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6611-16	TALL13N1R8MB	INDUCTION COIL	6	G0A1R8J00001
L6618	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6620-45	TSKA158	BEAD CORE	26	G0ZZ00001935
L6647,48	TSKA122	CHIP INDUCTOR	2	J0JJC0000011
L6701	G0A471F00002	LINE CHOKE COIL	1	
L6702-04	TSKA158	BEAD CORE	3	G0ZZ00001935
L6705	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6711-16	TALL13N1R8MB	INDUCTION COIL	6	G0A1R8J00001
L6718	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6720-45	TSKA158	BEAD CORE	26	G0ZZ00001935
L6747	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6750	TSKA158	BEAD CORE	1	G0ZZ00001935
L7101-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L7201-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L7206	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L7302-06	TSKA122	CHIP INDUCTOR	5	J0JJC0000011
L7401-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L8001-03	ELJPA100KB	CHIP INDUCTOR	3	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9005	EXCCL3225U1	EMI FILTER	1	
L9008	EXCCL3225U1	EMI FILTER	1	
L9013-15	EXCCL3225U1	EMI FILTER	3	
L9201	EXCCL3225U1	EMI FILTER	1	
L9206	EXCCL3225U1	EMI FILTER	1	
L9507	ELJPA100KB	CHIP INDUCTOR	1	
L9901	ELJPA150KB	CHIP INDUCTOR	1	
L9902	ELKE103FA	NOISE FILTER	1	
LC3805	ELB4B578	LC FILTER	1	
LC9004	ELKE103FA	NOISE FILTER	1	
LC9006-08	ELKE103FA	NOISE FILTER	3	
LC9012-14	ELKE103FA	NOISE FILTER	3	
LC9015	J0E8004B0006	LCR FILTER	1	
LC9016	J0E1505B0002	LCR FILTER	1	
LC9017	J0E2505B0001	LCR FILTER	1	
LC9019	J0E8004B0006	LCR FILTER	1	
LC9020	J0E1505B0002	LCR FILTER	1	
LC9021	J0E2505B0001	LCR FILTER	1	
LC9023	J0E8004B0006	LCR FILTER	1	
LC9024	J0E1505B0002	LCR FILTER	1	
LC9025	J0E2505B0001	LCR FILTER	1	
LC9500-02	ELKE103FA	NOISE FILTER	3	
LC9801-03	ELKE103FA	NOISE FILTER	3	
P1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
P5	K1KA04A00242	CONNECTOR	1	
P7	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
P9	K1KA02A00244	CONNECTOR	1	
P10	TJS1A8810	5P CONNECTOR	1	K1KA05A00177
P12	K1KA05A00139	CONNECTOR	1	
P13	K1KA07A00056	CONNECTOR	1	
P14	K1KA10A00259	CONNECTOR	1	
P23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
Q082	2SD601A	TRANSISTOR	1	2SD0601A
Q461	FS16TM-10	FET	1	
Q463	2SB621A	TRANSISTOR	1	2SB0621AW
Q464	2SC1473A	TRANSISTOR	1	2SC1473AE
Q465	2SK1917	FET	1	
Q467	2SC3311A	TRANSISTOR	1	2SC3311AW
Q469	2SC3311A	TRANSISTOR	1	2SC3311AW
Q481	2SA1309A	TRANSISTOR	1	
Q483	2SC3311A	TRANSISTOR	1	2SC3311AW
Q485	2SC3311A	TRANSISTOR	1	2SC3311AW
Q500	2SC3311A	TRANSISTOR	1	2SC3311AW
Q515,16	2SC3311A	TRANSISTOR	2	2SC3311AW
Q951	2SD601A	TRANSISTOR	1	2SD0601A
Q1001-03	2SD601A	TRANSISTOR	3	2SD0601A
Q1004,05	2SB709A	TRANSISTOR	2	2SB0709A
Q2301-06	2SD601A	TRANSISTOR	6	2SD0601A
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3001	2SC2480	TRANSISTOR	1	
Q3002	2SB709A	TRANSISTOR	1	2SB0709A
Q3003	2SC2480	TRANSISTOR	1	
Q3004	2SB709A	TRANSISTOR	1	2SB0709A
Q3005	2SC2480	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	2SB0709A
Q3008	2SC2480	TRANSISTOR	1	
Q3009	2SB709A	TRANSISTOR	1	2SB0709A
Q3010	2SC2480	TRANSISTOR	1	
Q3011	2SB709A	TRANSISTOR	1	2SB0709A
Q3012	2SC2480	TRANSISTOR	1	
Q3085,86	2SB709A	TRANSISTOR	2	2SB0709A
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507 02	2SB709A	TRANSISTOR	1	2SB0709A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3507	2SD601A	TRANSISTOR	1	2SD0601A
Q3508 02	2SB709A	TRANSISTOR	1	2SB0709A
Q3508	2SD601A	TRANSISTOR	1	2SD0601A
Q3509 02	2SB709A	TRANSISTOR	1	2SB0709A
Q3509	2SD601A	TRANSISTOR	1	2SD0601A
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
Q3515	2SD601A	TRANSISTOR	1	2SD0601A
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
Q6401	2SK620	FET	1	2SK0620
Q6451	2SD2185	TRANSISTOR	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6453	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6454	2SD814A	TRANSISTOR	1	
Q6471	2SD2185	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6511,12	2SK326800L	FET	2	
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	FS7VS14AT11	FET	1	
Q6522-29	2SK2993	FET	8	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542-49	B1DFJM000001	TRANSISTOR	8	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A
Q6552	FS7VS14AT11	FET	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6555,56	FS7VS14AT11	FET	2	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601-08	2SK3192000SQ	FET	8	2SK3192000LB
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621-26	2SK3192000SQ	FET	6	
Q6627	2SD2185	TRANSISTOR	1	
Q6628	2SB1073001TV	TRANSISTOR	1	
Q6629	2SD2185	TRANSISTOR	1	
Q6630	2SB1073001TV	TRANSISTOR	1	
Q6641,42	B1DFJM000001	TRANSISTOR	2	
Q6645	2SD2185	TRANSISTOR	1	
Q6646	2SB1073001TV	TRANSISTOR	1	
Q6650	2SD601A	TRANSISTOR	1	2SD0601A
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6701-08	2SK3192000SQ	FET	8	2SK3192000LB
Q6711	2SD2185	TRANSISTOR	1	
Q6712	2SB1073001TV	TRANSISTOR	1	
Q6713	2SD2185	TRANSISTOR	1	
Q6714	2SB1073001TV	TRANSISTOR	1	
Q6721-26	2SK3192000SQ	FET	6	
Q6727	2SD2185	TRANSISTOR	1	
Q6728	2SB1073001TV	TRANSISTOR	1	
Q6729	2SD2185	TRANSISTOR	1	
Q6730	2SB1073001TV	TRANSISTOR	1	
Q6741,42	B1DFJM000001	TRANSISTOR	2	
Q6743	2SD2185	TRANSISTOR	1	
Q6744	2SB1073001TV	TRANSISTOR	1	
Q6745,46	2SK326800L	FET	2	
Q6751	2SD1263A	TRANSISTOR	1	
Q6752,53	2SC1473A	TRANSISTOR	2	2SC1473AE

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6755,56	2SD601A	TRANSISTOR	2	2SD0601A
Q7301,02	2SB709A	TRANSISTOR	2	2SB0709A
Q8021	2SD601A	TRANSISTOR	1	2SD0601A
Q8030	2SD601A	TRANSISTOR	1	2SD0601A
Q9001-03	2SD601A	TRANSISTOR	3	2SD0601A
Q9005-07	2SD601A	TRANSISTOR	3	2SD0601A
Q9009-11	2SD601A	TRANSISTOR	3	2SD0601A
Q9013	2SD601A	TRANSISTOR	1	2SD0601A
Q9200	2SD601A	TRANSISTOR	1	2SD0601A
Q9202	2SK620	FET	1	2SK0620
Q9700	2SD601A	TRANSISTOR	1	2SD0601A
Q9702	2SD601A	TRANSISTOR	1	2SD0601A
Q9703-05	2SK620	FET	3	2SK0620
Q9706	2SD601A	TRANSISTOR	1	2SD0601A
Q9801	2SD601A	TRANSISTOR	1	2SD0601A
R081	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R082	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R083	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R084	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R087	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R088	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R401,02	TARAFR06R8JC	F 6.8 OHM, J, 7W	2	⚠
R408	ERDS1FJ681	C 680 OHM, J,1/2W	1	
R409	ERDS2TJ182	C 1.8KOHM, J,1/4W	1	
R410,11	ERX1FJSR22D	M 0.22 OHM, J, 1W	2	
R412	ERDS2TJ152	C 1.5KOHM, J,1/4W	1	
R413	ERX1FJSR22D	M 0.22 OHM, J, 1W	1	
R414	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R415	ERG3FJS473D	M 47KOHM, J, 3W	1	
R416	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R417	ERG3FJS473D	M 47KOHM, J, 3W	1	
R418,19	ERX1FJSR22D	M 0.22 OHM, J, 1W	2	
R420	ERDS2TJ474	C 470KOHM, J,1/4W	1	
R426	ERG2FJS473D	M 47KOHM, J, 2W	1	
R430	ERG3FJS473D	M 47KOHM, J, 3W	1	
R431	ERDS1FJ681	C 680 OHM, J,1/2W	1	
R432	ERDS2TJ152	C 1.5KOHM, J,1/4W	1	
R433,34	ERX2FJSR22D	M 0.22 OHM, J, 2W	2	
R435	ERDS2TJ122	C 1.2KOHM, J,1/4W	1	
R437	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R438	ERG3FJS473D	M 47KOHM, J, 3W	1	
R439	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R440	ERDS1FJ3R3	C 3.3 OHM, J,1/2W	1	
R441	ERDS1TJ221	C 220 OHM, J,1/2W	1	
R442	ERDS1TJ391	C 390 OHM, J,1/2W	1	
R443,44	ERDS2TJ104	C 100KOHM, J,1/4W	2	
R446	ERG1FJS104D	M 100KOHM, J, 1W	1	
R449	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R451	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R453	ERDS2TJ561	C 560 OHM, J,1/4W	1	
R454	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R461	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R463	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R465,66	ERDS2TJ222	C 2.2KOHM, J,1/4W	2	
R467,68	ERDS2TJ101	C 100 OHM, J,1/4W	2	
R470,71	ERDS2TJ473	C 47KOHM, J,1/4W	2	
R472	ER0S2CKF6192	M 61.9KOHM, F,1/4W	1	
R473	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R474	ER0S2CKF2551	M 2.55KOHM, F,1/4W	1	
R475	ER0S2CKF5602	M 56KOHM, F,1/4W	1	EROS2CKF5602
R476,77	ER0S2CKF4992	M 49.9KOHM, F,1/4W	2	
R478	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R479	ER0S2CKF2551	M 2.55KOHM, F,1/4W	1	
R481	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R482	ERG3FJS823D	M 82KOHM, J, 3W	1	
R483	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R484	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R485	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R486	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R487	ERG2FJS472D	M 4.7KOHM, J, 2W	1	
R488	ERG3FJS101D	M 100 OHM, J, 3W	1	
R489	ERDS1FJ471	C 470 OHM, J,1/2W	1	
R490	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R491	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R492	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R493	ERG3FJS103D	M 10KOHM, J, 3W	1	
R494,95	ERG2FJS471D	M 470 OHM, J, 2W	2	
R496	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R497	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R498	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R499	ERDS2TJ151	C 150 OHM, J,1/4W	1	
R500	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R501	ERDS2TJ562	C 5.6KOHM, J,1/4W	1	
R503	ER0S2CKF5602	M 56KOHM, F,1/4W	1	EROS2CKF5602
R504	ER0S2CKF6492	M 64.9KOHM, F,1/4W	1	
R505	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R506	ERDS2TJ272	C 2.7KOHM, J,1/4W	1	
R507	ER0S2CKF2551	M 2.55KOHM, F,1/4W	1	
R508,09	ERDS2TJ473	C 47KOHM, J,1/4W	2	
R510	ERDS2TJ682	C 6.8KOHM, J,1/4W	1	
R511	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R512	ERDS2TJ560	C 56 OHM, J,1/4W	1	
R513	ER0S2CKF1212	M 12.1KOHM, F,1/4W	1	
R514	ER0S2CKF3321	M 3.32KOHM, F,1/4W	1	
R518	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R520	ER0S2CKF1501	M 1.5KOHM, F,1/4W	1	EROS2CKF1501
R521	ER0S2CKF2551	M 2.55KOHM, F,1/4W	1	
R524	ER0S2CKF1503	M 150KOHM, F,1/4W	1	
R525	ER0S2CKF1213	M 121KOHM, F,1/4W	1	
R526	ER0S2CKF1503	M 150KOHM, F,1/4W	1	
R527	ER0S2CKF1213	M 121KOHM, F,1/4W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R528	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R529	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R530	ERDS2TJ511	C 510 OHM, J,1/4W	1	
R533	ER0S2CKF3741	M 3.74KOHM, F,1/4W	1	
R535	ERDS2TJ220	C 22 OHM, J,1/4W	1	
R539	ER0S2CKF3830	M 383 OHM, F,1/4W	1	
R543	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R553	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R554	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R557	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R561	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R562	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R563	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R564	ERDS2TJ470	C 47 OHM, J,1/4W	1	
R565	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R566	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R567	ERDS2TJ273	C 27KOHM, J,1/4W	1	
R568	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R569	ER0S2CKF1213	M 121KOHM, F,1/4W	1	
R573	ER0S2CKF1002	M 10KOHM, F,1/4W	1	
R581	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R582	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R900,01	ERC12ZGK105	S 1MOHM, K,1/2W	2	⚠
R951	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R952	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R953	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R954	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R957-59	ERX12ZJR15	M 0.15 OHM, J,1/2W	3	ERX12ZJWR15E
R960	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R961	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R1001-04	EXB38V330J	RESISTOR ARRAY	4	
R1006-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R1009-11	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R1012,13	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R1014-18	ERJ6GEYJ103	M 10KOHM,J,1/10W	5	
R1019	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1020,21	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1022	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1023-25	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R1026	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1027	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1028	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1029,30	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1031	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1032-35	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R1036	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1037	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1038	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1039	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1040	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1041-45	ERJ6GEYJ103	M 10KOHM,J,1/10W	5	
R1046	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R1047	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1048-52	ERJ6GEYJ101	M 100 OHM,J,1/10W	5	
R1053	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1054	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1055,56	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1057	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1058	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R1059	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R1060,61	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1062	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1063	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1064	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1065	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1066	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1067	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1068	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1069	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R1070	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1071	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R1072	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R1554,55	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2305,06	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R2307	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2308	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2309	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2319,20	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2322,23	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2324,25	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2326	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2327	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R2328	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2329,30	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2334	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2335,36	ERJ6GEYJ123	M 12KOHM,J,1/10W	2	
R2341	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2342	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2344	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2345	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2408	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2448	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,62	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2464	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2476,77	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2480	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2481,82	ERJ6GEYJ153	M 15KOHM,J,1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3001-04	ERJ6GEYJ560	M 56 OHM,J,1/10W	4	
R3007	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3009-15	ERJ6GEYJ560	M 56 OHM,J,1/10W	7	
R3016-21	ERJ6GEY0R00	M 0 OHM,J,1/10W	6	
R3022,23	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	2	
R3024-29	ERJ6GEY0R00	M 0 OHM,J,1/10W	6	
R3030,31	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	2	
R3032,33	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3034,35	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R3042,43	ERG3FJ330H	M 33 OHM, J, 3W	2	ERG3FJS330E
R3045	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3046	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3047	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3048-50	ERJ8ENF75R0	M 75 OHM, 1/8W	3	
R3051-53	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3054-59	ERJ6GEYJ101	M 100 OHM,J,1/10W	6	
R3060-63	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	4	
R3064,65	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3066	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R3067,68	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3069	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R3070,71	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3075-77	ERJ6GEYJ121	M 120 OHM,J,1/10W	3	
R3087,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3101-08	ERJ6GEYJ334	M 330KOHM,J,1/10W	8	
R3109	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R3301	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508 02	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3509 02	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3509	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3510	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3511 02	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3511	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3513,14	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3526-28	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535,36	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3537	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3537 02	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3538 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3538	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3540 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3540	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3548 02	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R3548	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3577	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3578	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3579	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3580	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3581	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3582	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3595-97	ERJ6GEYJ102	M 1KOHM,J,1/10W	3	
R3599	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3603,04	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3611-14	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3755,56	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3764-66	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3845	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	ERJ3GEY0R00
R3867-69	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	ERJ3GEYJ820	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6401-08	ERJ6GEYJ221	M 220 OHM,J,1/10W	8	
R6410,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6413	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6420-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6425-28	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6429	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6451,52	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	2	
R6453	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6454	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R6455	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6456	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R6457,58	ERJ6ENF3321	M3.32KOHM, 1/10W	2	
R6459-61	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R6462	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R6463	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6465	ERX1FJS8R2D	M 8.2 OHM, J, 1W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6468	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6470	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6471,72	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	2	
R6473	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6474	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6475	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6476	ERJ6GEYJ274	M 270KOHM,J,1/10W	1	
R6477	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479,80	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6481	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6482	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6483	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6484-86	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6492,93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6494	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500-02	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6503	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6504-06	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6509	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6522	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6523	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6524	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527,28	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6529	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6530-37	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6539	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542-49	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	8	
R6550	ERG1FJS332D	M 3.3KOHM, J, 1W	1	
R6551-53	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6554	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6563,64	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6565-68	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6570	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6571-76	ERJ6GEYJ471	M 470 OHM,J,1/10W	6	
R6578	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6582,83	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6584	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6589,90	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6595,96	ERJ6ENF5231	M5.23KOHM, 1/10W	2	
R6598	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6611-18	ERJ6GEYJ100	M 10 OHM,J,1/10W	8	
R6619-22	ERJ6GEYJ470	M 47 OHM,J,1/10W	4	
R6623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6630-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	ERJ12YJ2R2H
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641-52	ERJ6GEYJ100	M 10 OHM,J,1/10W	12	
R6653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6654	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6657	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6658	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6659,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6661,62	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6665	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6666-68	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R6671	ERG3FJS821D	M 820 OHM, J, 3W	1	
R6672	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6673	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6674-76	ERJ6GEYJ473	M 47KOHM,J,1/10W	3	
R6678,79	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6680,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6682-85	ERJ6GEYJ471	M 470 OHM,J,1/10W	4	
R6686-89	ERJ6GEYJ473	M 47KOHM,J,1/10W	4	
R6690,91	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6692,93	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6694-96	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6697-99	ERJ6GEYJ473	M 47KOHM,J,1/10W	3	
R6701	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6711-18	ERJ6GEYJ100	M 10 OHM,J,1/10W	8	
R6719-22	ERJ6GEYJ470	M 47 OHM,J,1/10W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6723	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6724	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6725	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6726	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6727,28	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6730-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	ERJ12YJ2R2H
R6736-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6741-52	ERJ6GEYJ100	M 10 OHM,J,1/10W	12	
R6753	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6754	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6757	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6758	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6759,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6761	ERJ12YJ470	M 47 OHM, J,1/2W	1	ERJ12YJ470H
R6762-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6765	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6766-68	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6769,70	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6771,72	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6773	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6774	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6777,78	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6779,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6781	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6783	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6784	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6785-88	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6790	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6791	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6801-03	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6804-06	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6807-09	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6810-12	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6818,19	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6820	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6821	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6824,25	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6826	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R7101	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7103-05	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7107-09	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7131	ERJ6GEY331	M 330 OHM,J,1/10W	1	
R7132	ERJ6ENF3241	M 3.24KOHM,1/10W	1	
R7133	ERJ6ENF1002	M 10KOHM,1/10W	1	
R7201	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7202	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7203-10	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7211	ERJ6GEY331	M 330 OHM,J,1/10W	1	
R7212	ERJ6EN3241	M 3.24KOHM,1/10W	1	
R7213	ERJ6EN1002	M 10KOHM,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R7303	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7305-12	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7313-16	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7317	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7318	ERJ6GEY331	M 330 OHM,J,1/10W	1	
R7319	ERJ6EN3241	M 3.24KOHM,1/10W	1	
R7320	ERJ6EN1002	M 10KOHM,1/10W	1	
R7403	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7405-07	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7409-11	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7412	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7421	ERJ6GEY331	M 330 OHM,J,1/10W	1	
R7422	ERJ6ENF3241	M 3.24KOHM,1/10W	1	
R7423	ERJ6ENF1002	M 10KOHM,1/10W	1	
R8002	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R8003	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R8004	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R8006,07	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R8008	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R8009	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R8010	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R8012	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8013	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R8015	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8017-19	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R8021,22	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R8023,24	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R8025	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R8026	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8027	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R8028-30	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R8031	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R8032	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R8033	ERJ6GEYJ330	M 33 OHM,J,1/10W	1	
R8035	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8036	EXB38V330J	RESISTOR ARRAY	1	
R9006-11	ERJ6ENF1500	M 150 OHM, 1/10W	6	
R9012	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9013	ERJ6ENF1801	M1.8KOHM, 1/10W	1	
R9014	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9015	ERJ6ENF1801	M1.8KOHM, 1/10W	1	
R9016	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9017	ERJ6ENF1801	M1.8KOHM, 1/10W	1	
R9018	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9019	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9020	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9021	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9022	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9023	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9024-26	ERJ6ENF8200	M 820 OHM, 1/10W	3	
R9027-29	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9031-33	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9035-37	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9039-47	ERJ3GEYJ102	M 1KOHM,J,1/16W	9	
R9049,50	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9051-53	ERJ6ENF1800	M 180 OHM, 1/10W	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9055-57	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9059-61	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9063-65	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9067-69	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9071-73	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9078-80	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9082-84	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9086-88	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9091-93	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9095-97	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9099-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9103-05	ERJ6ENF5100	M 510 OHM, 1/10W	3	
R9106	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9109	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9110	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9112	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9114	ERJ6ENF1431	M 1.43KOHM, 1/10W	1	
R9115,16	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9118	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9120-25	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R9126	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9127	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R9128	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9131	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9132-34	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	3	
R9136-38	ERJ6ENF2701	M 2.7KOHM, 1/10W	3	
R9140	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9141	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9142	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9144	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9145,46	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9152-54	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R9156	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R9157	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9158	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9159-62	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R9163	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R9164,65	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9166	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9167	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9168	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9169	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9171	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9172	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9173	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9174-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R9178	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9179-83	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9185	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9186	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9187	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9188-90	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R9191-93	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9194-96	ERJ3GEYJ273	M 27KOHM,J,1/16W	3	
R9200,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9202,03	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9204,05	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9206,07	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R9208-11	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9212	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9215	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9216	ERJ6ENF6201	M 6.2KOHM, 1/10W	1	
R9217	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9218	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9220,21	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9222	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9225	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9226,27	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9228	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9229	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9230-35	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9238,39	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9240	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9241	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9242	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9243	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9244	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9245	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9246,47	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9248	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9249	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9250,51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R9252	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9253	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9255	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9256	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R9258	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9259	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9260	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9261,62	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9263,64	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	D0GB330JA006
R9269	ERJ3GEY684	M 680KOHM,J,1/16W	1	
R9274	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9277	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9279	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9282,83	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9285,86	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9287	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9288	ERJ3GEYJ684	M 680KOHM,J,1/16W	1	D0GB684JA002
R9289	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9290	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9291	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9292	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9293	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9294,95	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9296	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9297,98	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9307	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9308	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9309,10	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9313	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9333,34	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9341,42	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9347,48	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9350,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9397	ERJ3GEY101	M 100 OHM,J,1/16W	1	
R9398	ERJ3GEY101	M 100 OHM,J,1/16W	1	
R9399	ERJ3GEY105	M 1MOHM,J,1/16W	1	
R9400	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9403	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9404	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9405	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9406-08	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9409,10	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9411,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9416,17	EXB38V103J	RESISTOR ARRAY	2	
R9423,24	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9505	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9506-08	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R9511-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9517-20	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9521-23	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R9528,29	EXB38V470J	RESISTOR ARRAY	2	
R9530	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9531-46	EXB38V470J	RESISTOR ARRAY	16	
R9547,48	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9549	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9550	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9551,52	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9553	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9554	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9555,56	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9561,62	EXB38V470J	RESISTOR ARRAY	2	
R9567-88	EXB38V470J	RESISTOR ARRAY	22	
R9589	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9590,91	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9592	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9593	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9594,95	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9596	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9597	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9598,99	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9601-08	EXB38V103J	RESISTOR ARRAY	8	
R9609-24	ERJ3GEYJ103	M 10KOHM,J,1/16W	16	
R9626-30	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R9636,37	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9641	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9646	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9647	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9648	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9649	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9700	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9701	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R9702,03	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9704	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9705	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9706,07	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9708	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9711	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9712,13	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9714-16	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R9717	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9718	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9719	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9720	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9721,22	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9724,25	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9726	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9727	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9728	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9729	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9730	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9731	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9733-36	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R9737-40	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R9741	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9742	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9743	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9744-47	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9749	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9750,51	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9752,53	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9754	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9755,56	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9761	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9762	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9763	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9765	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9767	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9768	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9769	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9770	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9771	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9772	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9776,77	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9778	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9779	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9782	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9783	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9784,85	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9786	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9788,89	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9790	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9791	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9792,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9794	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9801,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9803-07	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	D0GB101JA002
R9808	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9809,10	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9811	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9850	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9851,52	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9862	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9870	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9871	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9872,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9874,75	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9876	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9877	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9880	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9885	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9887	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9889	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9891	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9902	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9903,04	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	D0GB330JA006
R9907	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9917	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9919	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9928	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9933	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9937	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9940	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9944-46	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9947	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9948	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9951	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9955	EXB38V151J	RESISTOR ARRAY	1	
R9959	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9960,61	EXB38V151J	RESISTOR ARRAY	2	
R9962-65	EXB38V103J	RESISTOR ARRAY	4	
R9966,67	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9968	EXB38V151J	RESISTOR ARRAY	1	
R9969	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9972	EXB38V151J	RESISTOR ARRAY	1	
R9976	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9977-79	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9980	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
RD1	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
RL401	TSEH0025	RELAY	1	K6B2AGA00020 ⚠
RL403	K6B1AGA00086	RELAY	1	⚠
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA2253	CIRCUIT BOARD C1	1	⚠
RTL	TNPA2254	CIRCUIT BOARD C2	1	⚠
RTL	TNPA2255	CIRCUIT BOARD C3	1	⚠
RTL	TNPA2256	CIRCUIT BOARD C4	1	⚠
RTL	TNPA2259	CIRCUIT BOARD SU	1	⚠
RTL	TNPA2260	CIRCUIT BOARD SD	1	⚠
RTL	TNPA2249	CIRCUIT BOARD H3	1	⚠
RTL	TXN/F10JAS	CIRCUIT BOARD F	1	⚠
RTL	TNPA2244	CIRCUIT BOARD J	1	⚠
RTL	TZTNP01JCSE	CIRCUIT BOARD D	1	TH-42PW4UZ ⚠
RTL	TZTNP01JASE	CIRCUIT BOARD D	1	TH-42PW4UY ⚠
RTL	TXN/P10JAS	CIRCUIT BOARD P	1	⚠
RTL	TNPA2261	CIRCUIT BOARD SC	1	⚠
RTL	TNPA2262	CIRCUIT BOARD SS	1	⚠
RTL	TNPA2263	CIRCUIT BOARD SS2	1	⚠
RTL	TNPA2264	CIRCUIT BOARD SS3	1	⚠
RTL	TNPA2283	CIRCUIT BOARD S1	1	⚠
RTL	TNPA2282	CIRCUIT BOARD V1	1	⚠
RTL	TZTNP020JAS	CIRCUIT BOARD HX	1	⚠
RTL	TNPA2245	CIRCUIT BOARD HY	1	TH-42PWD4UY ⚠
RTL	TNPA2248	CIRCUIT BOARD HZ	1	TH-42PW4UZ ⚠
S061	TSE4GD0001	POWER SWITCH	1	
S1554-56	EVQPBD05R	SWITCH	3	
SC2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
SC20	K1KA10A00266	CONNECTOR	1	
SC21	K1KA08A00232	8P CONNECTOR	1	
SC23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC41-44	K1KB40B00015	CONNECTOR	4	
SD1-D3	K1MN80B00001	1P CONNECTOR	3	
SS11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
SS12	K1KA05A00139	CONNECTOR	1	
SS22	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS33	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS40	K1KB07A00037	CONNECTOR	1	
SS41-46	TJSF41013	13P CONNECTOR	6	K1MN13B00020
SS47	K1KB07A00037	CONNECTOR	1	
SS48,49	K1KA07A00170	CONNECTOR	2	
SU1-U3	K1MN80B00001	1P CONNECTOR	3	
T401	G4D4A0000030	TRANS	1	⚠
T402	G4D4A0000029	TRANS	1	⚠
T403	ETS25AD186AG	SWITCHING TRANS	1	⚠
T6451	ETE19K130AY	TRANS	1	
T6471	ETE19K130AY	TRANS	1	
V34	K1KA08B00005	8P CONNECTOR	1	
X1001	TSSA120	CRYSTAL	1	H0J327200038
X1002	H0J921400003	CRYSTAL	1	
X3801	TSSA148	CRYSTAL	1	H0J202500002
X9500	H1A8405B0001	CRYSTAL	1	
X9701	TSSA081	CRYSTAL	1	H0J245500024
X9900	TSS9038-B	CRYSTAL	1	H0J200500016

16.3. Expect US model Electrical Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C13	K1MN80B00002	CONNECTOR	1	
C14	K1MN30B00033	CONNECTOR	1	
C22	K1KA03A00176	CONNECTOR	1	K1KA03A00088
C23	K1MN80B00002	CONNECTOR	1	
C24	K1MN30B00033	CONNECTOR	1	
C32	K1MN30B00033	CONNECTOR	1	
C33	K1KA11A00102	CONNECTOR	1	K1KA11A00048
C34	K1KA08A00232	8P CONNECTOR	1	
C35	K1MN80B00002	CONNECTOR	1	
C42	K1MN30B00033	CONNECTOR	1	
C43	K1MN80B00002	CONNECTOR	1	
C081	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C401,02	ECKDNA222ME	C 2200PF,	2	
C404	ECKDNA222ME	C 2200PF,	1	
C405	ECQE6105JF	P 1UF, J,630V	1	
C406,07	ECA1HHG101	E 100UF, 50V	2	
C408	ECQB1H272JF	P 2700PF, J, 50V	1	
C409	ECQB1H473JF	P 0.047UF, J, 50V	1	
C410	ECKD3D102KBP	C 1000PF, K, 2KV	1	
C411,12	ECQB1H473JF	P 0.047UF, J, 50V	2	
C413	ECKD3D101KBP	C 100PF, K, 2KV	1	
C414	ECA1HHG471	E 470UF, 50V	1	
C415	EETHC2W331L	E 330UF, 450V	1	
C416	ECQB1H473JF	P 0.047UF, J, 50V	1	
C417	EETHC2W331L	E 330UF, 450V	1	
C418	ECQE6105JF	P 1UF, J,630V	1	
C419-21	ECKD3A102KBP	C 1000PF, K, 1KV	3	
C423	ECQU2A683MN	P 0.068UF, M,250V	1	
C424	EEUFC1E471	E 470UF, 25V	1	
C425,26	ECQE4474JF	P 0.47UF, K,400V	2	
C427	ECA2WHG220	E 22UF, 450V	1	
C428	ECKD3D392KBP	C 3900PF, K, 2KV	1	
C430	ECQE10104KF	P 0.1UF, K, 1KV	1	
C431	ECA1HHG220	E 22UF, 50V	1	
C432	ECQV1H104JM	P 0.1UF, J, 50V	1	
C433	ECA1EHG470	E 47UF, 25V	1	
C434	ECKD2H821KB2	C 820PF, K,500V	1	
C435,36	ECQE4105JF	P 1UF, K,400V	2	
C437	ECKD3A101KBP	C 100PF, K, 1KV	1	
C438	ECQV1H104JM	P 0.1UF, J, 50V	1	
C439	ECQB1H473JF	P 0.047UF, J, 50V	1	
C441	ECA1EHG470	E 47UF, 25V	1	
C442,43	ECKD3D102KBP	C 1000PF, K, 2KV	2	
C445	ECKD3A102KBP	C 1000PF, K, 1KV	1	
C449	ECA1EHG470	E 47UF, 25V	1	
C450,51	ECKD2H561KB2	C 560PF, K,500V	2	
C452	EEUFC1C471	E 470UF, 16V	1	
C453,54	ECKD3A101KBP	C 100PF, K, 1KV	2	
C455	ECA1EHG102	E 1000UF, 25V	1	
C456	ECKDHT122KB	C 1200PF, 500V	1	
C457	ECKD3A101KBP	C 100PF, K, 1KV	1	
C459	ECKD3A101KBP	C 100PF, K, 1KV	1	
C460	EETHC2D102K	E 1000UF, 200V	1	
C461	ECKD3A101KBP	C 100PF, K, 1KV	1	
C463,64	ECQB1H103JF	P 0.01UF, J, 50V	2	
C465	ECA1EHG472	E 4700UF, 25V	1	
C466	EETHC2D102K	E 1000UF, 200V	1	
C467	ECA1HHG010	E 1UF, 50V	1	
C468	EEUEB2C331	E 330UF, 160V	1	
C471,72	ECA1EHG222	E 2200UF, 25V	2	
C473	ECQB1H103JF	P 0.01UF, J, 50V	1	
C474	ECKD2H103ZU	C 0.01UF, Z,500V	1	
C475	ECWH8473JVB	P 0.047PF,J,8KV	1	
C477,78	ECA1EHG470	E 47UF, 25V	2	
C479,80	EEUFC1C272L	E 2700UF, 16V	2	
C481	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C484	EEUEB1E470	E 47UF, 25V	1	
C485	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C486	ECA1AHG471	E 4700UF, 10V	1	
C487	ECA1HHG220	E 22UF, 50V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C488	ECA1HHG470	E 47UF, 50V	1	
C489	ECKF1H223ZF	C 0.022UF, Z, 50V	1	
C492	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C494	ECA1HHG101	E 100UF, 50V	1	
C496	EEUFC1A682	E 6800UF, 10V	1	
C497	ECQV1H105JM	P 1UF, J, 50V	1	
C498	ECA2AHG471	E 470UF, 100V	1	
C499	ECKDHT332KB	C 3300PF, K,500V	1	
C500	ECKF1H223ZF	C 0.022UF, Z, 50V	1	
C501,02	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C504	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C505	EEUFC1H330	E 33UF, 50V	1	
C509	ECKDHT122KB	C 1200PF, 500V	1	
C511	ECA2DHG220	E 22UF, 200V	1	
C512	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C600	ECA1HHG100	E 10UF, 50V	1	
C601	ECQV1H105JM	P 1UF, J, 50V	1	
C603	ECQB1H472JF	P 4700PF, J, 50V	1	
C604	ECA1EHG101	E 100UF, 25V	1	
C605	ECJ2XC1H331J	C 330PF, J, 50V	1	
C606,07	ECQV1H105JM	P 1UF, J, 50V	2	
C609	ECQB1H473JF	P 0.047UF, J, 50V	1	
C610	ECQV1H104JM	P 0.1UF, J, 50V	1	
C612	ECQB1H103JF	P 0.01UF, J, 50V	1	
C613	ECQV1H105JM	P 1UF, J, 50V	1	
C614,15	ECKF1H471KB	C 470PF, K, 50V	2	
C616	ECA1EHG101	E 100UF, 25V	1	
C617	ECQM4103JZ	P 0.01UF, J,400V	1	
C618	ECA1HHG100	E 10UF, 50V	1	
C619,20	ECKD2H472KB2	C 4700PF, K,500V	2	
C621	ECEA1EN100U	E 10UF, 25V	1	
C622	ECKCWS102MEB	C 1000PF, M,	1	⚠
C650-52	ECKF1H103ZF	C 0.01UF, Z, 50V	3	
C653	ECQV1H104JM	P 0.1UF, J, 50V	1	
C654	ECKF1H101KB	C 100PF, K, 50V	1	
C655	ECA1HHG220	E 22UF, 50V	1	
C656	ECA1HHG010	E 1UF, 50V	1	
C657	ECQB1H102JF	P 1000PF, J, 50V	1	
C658	ECQB1H122JF	P 1200PF, J, 50V	1	
C659	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102KBN
C660	ECQB1H103JF	P 0.01UF, J, 50V	1	
C661	ECQB1H102JF	P 1000PF, J, 50V	1	
C731	ECKF1H221KB	C 220PF, K, 50V	1	
C732	ECA1HHG220	E 22UF, 50V	1	
C733	ECQB1H102JF	P 1000PF, J, 50V	1	
C734	EEUFC1H221	E 220UF, 50V	1	
C735	ECQV1H104JM	P 0.1UF, J, 50V	1	
C736	ECJ2VB1C224K	C 0.22UF, K, 16V	1	
C737	ECQV1H474JM	P 0.47UF, J, 50V	1	
C738-40	ECQB1H102JF	P 1000PF, J, 50V	3	
C741	ECA1HHG220	E 22UF, 50V	1	
C742	ECQB1H103JF	P 0.01UF, J, 50V	1	
C743,44	ECQV1H104JM	P 0.1UF, J, 50V	2	
C750,51	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C752	ECA1EHG471	E 470UF, 25V	1	
C754	ECA1EHG470	E 47UF, 25V	1	
C755	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C756	ECA1EHG470	E 47UF, 25V	1	
C757	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C775,76	ECKF1H103ZF	C 0.01UF, Z, 50V	2	
C778	ECQV1H105JM	P 1UF, J, 50V	1	
C779-81	ECA1HHG010	E 1UF, 50V	3	
C782	ECA1EHG101	E 100UF, 25V	1	
C783	ECA1EHG470	E 47UF, 25V	1	
C784	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C785	ECA1EHG471	E 470UF, 25V	1	
C786	ECKF1H103ZF	C 0.01UF, Z, 50V	1	
C787	ECA1EHG470	E 47UF, 25V	1	
C900,01	ECQU2A224BN9	P 0.22UF, 250V	2	⚠
C902	ECQU2A105BN9	P 1UF, 250V	1	⚠
C903-06	ECKCNA221KB7	C 2200PF	4	⚠

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C951	EEUFC1E331	E 330UF, 25V	1	
C952	ECJ2XB1H103J	C 0.01UF, J, 50V	1	
C953	F1L1E4750004	C 4.7UF, 25V	1	
C954	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C955	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C956	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C957	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C958	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C959	ECJ2XB1H103J	C 0.01UF, J, 50V	1	
C960,61	EEUFC0J331	E 330UF, 6.3V	2	
C1001,02	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C1003	EEVHB1C470	E 47UF, 16V	1	
C1004,05	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C1006	EECS5R5V155	E 1.5UF, 5.5V	1	
C1007,08	ECJ1XC1H330J	C 33PF, J, 50V	2	
C1009	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C1010	ECJ2XB1H563K	C 0.056UF, K, 50V	1	
C2312	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2313	ECA1HHG470	E 47UF, 50V	1	
C2314	ECA1CHG470	E 47UF, 16V	1	
C2316,17	ECQV1H474JM	P 0.47UF, J, 50V	2	
C2318,19	ECJ2XC1H561J	C 560PF, J, 50V	2	
C2320-22	ECJ2VF1H104Z	C 0.1UF, Z, 50V	3	
C2323	ECA1HHG221	E 220UF, 50V	1	
C2324	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2325	ECA1HHG221	E 220UF, 50V	1	
C2326,27	ECJ2XC1H221J	C 220PF, J, 50V	2	
C2328,29	ECJ2VF1H104Z	C 0.1UF, Z, 50V	2	
C2330	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2331	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2332	ECJ2XB1H472K	C 4700PF, K, 50V	1	
C2333	ECJ2XC1H101J	C 100PF, J, 50V	1	
C2334,35	TCUY1C225KBM	C 2.2UF, 16V	2	F1K1C225A026
C2336,37	ECJ2XB1H473K	C 0.047UF, K, 50V	2	
C2338,39	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2340-43	ECJ2VF1H104Z	C 0.1UF, Z, 50V	4	
C2344-47	EEUGZ1D102SB	E 1000UF, 20V	4	
C2348	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2349,50	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C2417	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2419	EEVHB1C100	E 10UF, 16V	1	
C2422	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C2423	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2426	ECJ2XB1H153K	C 0.015UF, K, 50V	1	
C2427	EEVHB1C100	E 10UF, 16V	1	
C2429	ECA1CHG101	E 100UF, 16V	1	
C2431	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C2433	ECJ2XB1H393K	C 0.039UF, K, 50V	1	
C2434	ECJ2XB1H223K	C 0.022UF, K, 50V	1	
C2435	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C2436	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2437,38	ECA1CHG101	E 100UF, 16V	2	
C2440,41	TCUY1C475ZFM	C 4.7UF, 16V	2	F1K1C4750018
C2442	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2450	EEVHB1C100	E 10UF, 16V	1	
C2451	EEVHB1E4R7	E 4.7UF, 25V	1	
C2452	ECJ2XB1H562K	C 5600PF, K, 50V	1	
C2453	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C2454	EEVHB1E4R7	E 4.7UF, 25V	1	
C2455	EEVHB1C470	E 47UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C2457	EEVHB1E4R7	E 4.7UF, 25V	1	
C2458	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C2459	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C2460	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2461	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C2463	ECJ2XB1H473K	C 0.047UF, K, 50V	1	
C2466,67	TCUY1C105KBM	C 1UF, 16V	2	F1K1C105A026
C2480	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C2484	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3001-03	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3004	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3005-07	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3008,09	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3010-12	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3013,14	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3015-17	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3018	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3019	ECEA1CKA470	E 47UF, 16V	1	
C3020	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3021	EEVHB1C470	E 47UF, 16V	1	
C3022	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C3023	EEVHB1C470	E 47UF, 16V	1	
C3024	ECJ2VF1H104Z	C 0.1UF, Z, 50V	1	
C3028	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3029	EEVHB1C470	E 47UF, 16V	1	
C3030,31	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3032	EEVHB1C470	E 47UF, 16V	1	
C3033-35	ECJ2VF1C104Z	C 0.1UF, Z, 16V	3	
C3036	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3037-39	EEVHB1C470	E 47UF, 16V	3	
C3042	EEVHB1C470	E 47UF, 16V	1	
C3043	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C3044	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3045,46	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C3047,48	ECJ2VF1H103Z	C 0.01UF, Z, 50V	2	
C3049,50	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3404	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3405	EEVHB1C470	E 47UF, 16V	1	
C3406	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3407	EEVHB1C470	E 47UF, 16V	1	
C3409	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3410	EEVHB1C470	E 47UF, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3501	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3516-18	EEVHB1C470	E 47UF, 16V	3	
C3520	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3521	EEVHB1C470	E 47UF, 16V	1	
C3523	EEVHB1C470	E 47UF, 16V	1	
C3524	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3529-31	ECJ3XB0J106M	C 10UF, M,6.3V	3	
C3533,34	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3542	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3544	EEVHB1C470	E 47UF, 16V	1	
C3550	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3551	EEVHB1C470	E 47UF, 16V	1	
C3561,62	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3591,92	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3593	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	
C3594,95	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	ECUX1H180JCV

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152P	E 1500UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3854	ECJ1VC1H080C	C 0.8PF, J, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152P	E 1500UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C3877	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
C6401-08	TCUY1C105ZFN	C 1UF, 16V	8	F1J1C1050006
C6411	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6412	ECJ2XB1H102K	C 1000PF, K, 50V	1	ECUM1H102KBN
C6413-16	ECJ3XB2J222K	C 2200PF, K,630V	4	
C6417	ECJ2XB1H221K	C 220PF, K, 50V	1	
C6421	ECJ2XB1H222K	C 2200PF, K, 50V	1	
C6422	ECJ2XB1H102K	C 1000PF, K, 50V	1	ECUM1H102KBN
C6423-26	ECJ3XB2J222K	C 2200PF, K,630V	4	
C6451	F1K2A1040004	C 0.1UF, 100V	1	
C6452-54	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C6455	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6456	ECA2AHG101	E 100UF, 100V	1	
C6457	ECA1EHG101	E 100UF, 25V	1	
C6459	EEUFC1E470	E 47UF, 25V	1	
C6461	ECA1EHG101	E 100UF, 25V	1	
C6462	ECJ4XB1E475M	C 4.7UF, M, 25V	1	ECJ4YB1E475M

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C6463	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6471	F1K2A1040004	C 0.1UF, 100V	1	
C6472-74	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C6475	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6476	EEUED2C470	E 47UF, 160V	1	
C6481-88	ECJ3XB2J102K	C 1000PF, K,630V	8	
C6491	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6492	ECA2VHG010	E 1UF, 350V	1	
C6493,94	ECJ3XB2J222K	C 2200PF, K,630V	2	
C6501,02	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6504-06	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6508	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6509	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C6511,12	TCUY1E105KBM	C 1UF, K, 25V	2	F1K1E1050001
C6513	ECA2AHG101	E 100UF, 100V	1	
C6521	ECJ4XB1E475M	C 4.7UF, M, 25V	1	ECJ4YB1E475M
C6522	EEUFC1E470	E 47UF, 25V	1	
C6524,25	ECWU2102KC9	P 1000PF, 200V	2	
C6526	ECA2EHG4R7	E 4.7UF, 250V	1	
C6540	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C6541,42	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6543,44	ECWU2102KC9	P 1000PF, 200V	2	
C6545	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6546	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6550	EEUED2C470	E 47UF, 160V	1	
C6571,72	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6574-76	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6578	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6580,81	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6584	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6585	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6598	ECA2AHG470	E 47UF, 100V	1	
C6598	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
C6601-04	EEUED2D151	E 150UF, 200V	4	
C6605	ECQE2105RK	P 1UF, 250V	1	
C6607	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6608	EEUFC1E101S	E 100UF, 25V	1	EEUFC1E101SB
C6611-18	ECJ3XB2J222K	C 2200PF, K,630V	8	
C6621-30	ECQE2105RK	P 1UF, 250V	10	
C6631,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6633	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6634,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6636	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6638	ECWU1224KC9	P 0.22UF, 100V	1	
C6644,45	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6646-48	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C6651	EEUED2D151	E 150UF, 200V	1	
C6655	EEUFC1A101	E 100UF, 10V	1	
C6701-04	EEUED2D151	E 150UF, 200V	4	
C6705,06	ECQE2105RK	P 1UF, 250V	2	
C6707,08	EEUED2C470	E 47UF, 160V	2	
C6711-18	ECJ3XB2J102K	C 1000PF, K,630V	8	
C6721-30	ECQE2105RK	P 1UF, 250V	10	
C6731,32	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6733	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6734,35	ECJ4XB1E475M	C 4.7UF, M, 25V	2	ECJ4YB1E475M
C6736	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6738	ECWU1224KC9	P 0.22UF, 100V	1	
C6740	ECJ3XB2J222K	C 2200PF, K,630V	1	
C6741	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C6743-46	TCUY1E105KBM	C 1UF, K, 25V	4	F1K1E1050001
C6747	EEUED2D151	E 150UF, 200V	1	
C6748	EEUFC1E221	E 220UF, 25V	1	
C6750,51	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C6753,54	EEUFC1E221	E 220UF, 25V	2	
C6755	TCUY1E105KBM	C 1UF, K, 25V	1	F1K1E1050001
C6756	EEUFC1A101	E 100UF, 10V	1	
C6771 -78	ECJ3XB2J102K	C 1000PF, K,630V	8	
C7110-12	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7115	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7116	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7117	F1K2A1040004	C 0.1UF, 100V	1	
C7121	F1K2A1040004	C 0.1UF, 100V	1	
C7123	F1K2A1040004	C 0.1UF, 100V	1	
C7125	F1K2A1040004	C 0.1UF, 100V	1	
C7209-12	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C7214	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7215	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7216	F1K2A1040004	C 0.1UF, 100V	1	
C7221	F1K2A1040004	C 0.1UF, 100V	1	
C7223	F1K2A1040004	C 0.1UF, 100V	1	
C7225	F1K2A1040004	C 0.1UF, 100V	1	
C7227	F1K2A1040004	C 0.1UF, 100V	1	
C7309-11	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7313,14	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C7315	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7316	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7317	F1K2A1040004	C 0.1UF, 100V	1	
C7321	F1K2A1040004	C 0.1UF, 100V	1	
C7323	F1K2A1040004	C 0.1UF, 100V	1	
C7325	F1K2A1040004	C 0.1UF, 100V	1	
C7327	F1K2A1040004	C 0.1UF, 100V	1	
C7410-12	TCUY1C105ZFN	C 1UF, 16V	3	F1J1C1050006
C7414	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C7415	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C7417	F1K2A1040004	C 0.1UF, 100V	1	
C7421	F1K2A1040004	C 0.1UF, 100V	1	
C7423	F1K2A1040004	C 0.1UF, 100V	1	
C7425	F1K2A1040004	C 0.1UF, 100V	1	
C8001	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8002	EEVHP1E220	E 22UF, 25V	1	
C8003	ECJ2XB1H471K	C 470PF, K, 50V	1	
C8004	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8005	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8007	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8008	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C8009	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C8010	TCUY1C225KBM	C 2.2UF, 16V	1	F1K1C225A026
C8011	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8012	ECJ2XB1H103K	C 0.01UF, K, 50V	1	
C8013	ECJ3VB1C474K	C 0.47UF, K, 16V	1	
C8014,15	ECJ2XB1H103K	C 0.01UF, K, 50V	2	
C8016	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C8017	EEVHB1C470	E 47UF, 16V	1	
C8018	ECJ2XC1H102J	C 1000PF, J, 50V	1	ECUM1H102JCN
C8019	ECJ2VF1C105Z	C 1UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C8020	ECJ2XC1H101J	C 100PF, J, 50V	1	
C8021	ECJ2XC1H152J	C 1500PF, J, 50V	1	ECJ2VC1H152J
C8022	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C8023	EEVHB1C470	E 47UF, 16V	1	
C9001-03	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9005	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9006	EEVHB1C470	E 47UF, 16V	1	
C9007	EEVHB0G221	E 220UF, 4V	1	
C9008-10	EEVHP1E220	E 22UF, 25V	3	
C9011-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9014	EEVHB1C470	E 47UF, 16V	1	
C9015-18	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9021-23	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9025-27	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9029-31	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9034-36	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9037-39	ECJ1XC1H030C	C 3PF, C, 50V	3	
C9041	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9042	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9043-48	ECJ3XF1C475Z	C 4.7UF, Z, 16V	6	
C9050	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9051,52	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9053	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9055	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9057	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9058	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9059	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9060	EEVHB1C470	E 47UF, 16V	1	
C9061	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9063	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9067	EEVHB1A471	E 470UF, 10V	1	
C9068,69	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9070	EEVHB0G221	E 220UF, 4V	1	
C9071	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9072	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9073	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9074	EEVHB0G221	E 220UF, 4V	1	
C9075	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9076	EEVHB0G221	E 220UF, 4V	1	
C9077	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9078	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9079,80	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9081	EEVHB0G221	E 220UF, 4V	1	
C9082	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9083	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C9084	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9091	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9092	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9093	EEVHB0G221	E 220UF, 4V	1	
C9094	TCUY1C475ZFM	C 4.7UF, 16V	1	F1K1C4750018
C9095-97	ECJ1VF1H103Z	C 0.01UF, Z, 50V	3	
C9098-00	ECJ2XB1H103K	C 0.01UF, K, 50V	3	
C9101-03	ECJ3VB1C474K	C 0.47UF, K, 16V	3	
C9104-07	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C9108-10	ECJ3XF1C475Z	C 4.7UF, Z, 16V	3	
C9111-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9117-19	EEVHB1A471	E 470UF, 10V	3	
C9200,01	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9204-08	ECJ1VF1C104Z	C 0.1UF, Z, 16V	5	
C9210	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9211,12	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9215	ECJ1XC1H151J	C 150PF, J, 50V	1	ECUX1H151JCV
C9216,17	TCUY1C105ZFN	C 1UF, 16V	2	F1J1C1050006
C9218	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9219	EEVHB1C470	E 47UF, 16V	1	
C9220	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9221	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9222-27	ECJ1VF1C104Z	C 0.1UF, Z, 16V	6	
C9229-36	ECJ1VF1C104Z	C 0.1UF, Z, 16V	8	
C9237	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9238-40	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9243,44	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9245,46	EEVHB1C470	E 47UF, 16V	2	
C9248,49	ECJ2VB1C104K	C 0.1UF, K, 16V	2	
C9250,51	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9253,54	TCUY1C105KBM	C 1UF, 16V	2	F1K1C105A026
C9255	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9256,57	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9258	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9260,61	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9262,63	TCUY0J685MBM	C 6.8UF, 6.3V	2	F1K0J685A003
C9264	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9265	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9266	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9271	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9272	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9273	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9274	EEVHB1C470	E 47UF, 16V	1	
C9275	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9276	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9277	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9278	ECJ2VB1E563K	C 0.056UF, K, 25V	1	
C9279	TCUY1C105KBM	C 1UF, 16V	1	F1K1C105A026
C9280	ECJ2VB1C104K	C 0.1UF, K, 16V	1	
C9281	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9285	ECJ1XC1H150J	C 15PF, J, 50V	1	
C9290	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C9306	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9308-11	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9314,15	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9317	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9319	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9322	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9327	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9331	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9333-37	ECJ1VF1C104Z	C 0.1UF, Z, 16V	5	
C9400	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9401	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9402,03	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9404	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9405	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9406	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9407-14	ECJ1VF1C104Z	C 0.1UF, Z, 16V	8	
C9415	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C9417-19	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9422	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9500	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9502	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9503	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9504-15	ECJ1VF1C104Z	C 0.1UF, Z, 16V	12	
C9518,19	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9522-25	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C9526-29	ECJ3XF1C475Z	C 4.7UF, Z, 16V	4	
C9534-44	ECJ1VF1C104Z	C 0.1UF, Z, 16V	11	
C9545,46	ECJ3XF1C475Z	C 4.7UF, Z, 16V	2	
C9547-57	ECJ1VF1C104Z	C 0.1UF, Z, 16V	11	
C9558	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9559	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9560	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9562	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9572	ECJ1XC1H470J	C 47PF, J, 50V	1	
C9701	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9702	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9703	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9704	EEVHB1C470	E 47UF, 16V	1	
C9705	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9708,09	ECJ1XC1H101J	C 100PF, J, 50V	2	
C9710	ECJ1XF1H102Z	C 1000PF, Z, 50V	1	
C9711	ECJ1XC1H101J	C 100PF, J, 50V	1	
C9712	EEVHB1C470	E 47UF, 16V	1	
C9713	ECJ1XB1C563K	C 0.056UF, K, 16V	1	ECJ1VB1C563K
C9714-16	ECJ1XC1H101J	C 100PF, J, 50V	3	
C9717	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9718	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9719,20	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9721	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9722	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C9723	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9724-27	ECJ1VF1H103Z	C 0.01UF, Z, 50V	4	
C9728,29	ECJ1XC1H100D	C 10PF, D, 50V	2	ECUX1H100DCV
C9730	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9731	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C9732	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9733	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9734,35	ECJ1VF1H103Z	C 0.01UF, Z, 50V	2	
C9736,37	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9739-41	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9742	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9743	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9744	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9750	TCUY1C105ZFN	C 1UF, 16V	1	F1J1C1050006
C9801	EEVHB0G221	E 220UF, 4V	1	
C9802	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9803	EEVHB0G221	E 220UF, 4V	1	
C9804	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9805	EEVHB0G221	E 220UF, 4V	1	
C9806,07	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C9810,11	ECJ1VB1C104K	C 0.1UF, K, 16V	2	
C9813	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9815	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C9817-19	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9900	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9902	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9903	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9906,07	ECJ1VF1C104Z	C 0.1UF, Z, 16V	2	
C9909-11	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9912	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9913,14	ECJ1XC1H330J	C 33PF, J, 50V	2	
C9915-17	ECJ1VF1C104Z	C 0.1UF, Z, 16V	3	
C9918	EEVHB1C470	E 47UF, 16V	1	
C9919	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9922	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9923	ECJ3XF1C475Z	C 4.7UF, Z, 16V	1	
C9926	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9928	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C9932	ECJ1XC1H100D	C 10PF, D, 50V	1	ECUX1H100DCV
C9933	ECJ1XC1H471J	C 470PF, Z, 50V	1	
CA1-A7	K1MN80B00001	1P CONNECTOR	7	
CB1-B7	K1MN80B00001	1P CONNECTOR	7	
D2	TJSF31010	CONNECTOR	1	K1KA10A00170
D3	K1KA06A00207	CONNECTOR	1	
D4	TJSF12608	8P CONNECTOR	1	K1KA08A00138
D5	TJSF31004	CONNECTOR	1	K1KA04A00152
D6	TJSF12506	6P CONNECTOR	1	K1KA06A00149
D7	K1KA09A00077	CONNECTOR	1	
D8	K1KA14A00165	CONNECTOR	1	
D9	K1KA40A00140	CONNECTOR	1	
D13	K1MN80B00002	CONNECTOR	1	
D20	K1KA10A00266	CONNECTOR	1	
D21	K1KA08A00232	8P CONNECTOR	1	
D23	K1MN80B00002	CONNECTOR	1	
D35	K1MN80B00002	CONNECTOR	1	
D43	K1MN80B00002	CONNECTOR	1	
D081	LNJ107W5PRW	LED	1	
D082	MA8056M	ZENER DIODE	1	MAZ80560M
D401,02	MA165	DIODE	2	MA2C165
D403	RBV-1306H	DIODE	1	
D404	D1NL20UV70	DIODE	1	
D405	TVSRG2A	DIODE	1	B0EAKR000024
D406	MA4300H	ZENER DIODE	1	MAZ43000H
D407	MA165	DIODE	1	MA2C165
D408	MA4300H	ZENER DIODE	1	MAZ43000H
D409	TMPG10G3	DIODE	1	B0BA01000046
D412	D5L60F4015	DIODE	1	B0HARR000003
D413	MA165	DIODE	1	MA2C165
D414,15	RK34	DIODE	2	B0JANE000006
D416,17	AK04	DIODE	2	B0JAMC000003
D418	MA165	DIODE	1	MA2C165
D419	S1WBA80	DIODE	1	B0EBKT000003
D421	TMPG10G3	DIODE	1	B0BA01000046
D422	D1NL20UV70	DIODE	1	
D425	MA4082L	ZENER DIODE	1	MAZ40820L
D426	ERA22-10	DIODE	1	B0EAEV000002
D427	TVSRG2A	DIODE	1	B0EAKR000024
D428	MA165	DIODE	1	MA2C165
D429	D1NL20UV70	DIODE	1	
D430	RC3B2LFU1	DIODE	1	
D431	D1NL40V70	DIODE	1	B0HALP000002
D432	MA2120A	ZENER DIODE	1	
D433	B0FAAR000003	DIODE	1	
D434-36	PC123FY2	PHOTO COUPLER	3	B3PAA0000012 ⚠
D437	B0BA02700021	DIODE	1	
D439,40	EU02	DIODE	2	B0HAMC000013
D441,42	ERC91-02	DIODE	2	B0HAPM000003
D443	FML-G12S	DIODE	1	
D444	D1NL40V70	DIODE	1	B0HALP000002
D445	FML-G12S	DIODE	1	
D446	FMGG2CS	DIODE	1	B0HAPV000011

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D447	MA700A	DIODE	1	MA2C700A
D448	MA4051M	ZENER DIODE	1	MAZ40510M
D449	ERA22-04	DIODE	1	B0HAGP000001
D450	MA165	DIODE	1	MA2C165
D451	ERA15-02	DIODE	1	B0EAKM000016
D452	MA4056M	ZENER DIODE	1	MAZ40560M
D453	MA165	DIODE	1	MA2C165
D455,56	ERA22-04	DIODE	2	B0HAGP000001
D457	MA2330-A	ZENER DIODE	1	MAZ23300A
D459	MA165	DIODE	1	MA2C165
D460	MA4047H	ZENER DIODE	1	MAZ40470H
D461	RK34	DIODE	1	B0JANE000006
D462-65	MA4150M	ZENER DIODE	4	MAZ41500M
D468	ERA22-04	DIODE	1	B0HAGP000001
D469	MA4068H	ZENER DIODE	1	MAZ40680H
D470	ERA22-04	DIODE	1	B0HAGP000001
D481	ERA22-04	DIODE	1	B0HAGP000001
D604	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 ⚠
D606	PC123FY2	PHOTO COUPLER	1	B3PAA0000012 ⚠
D607	MA3062M	ZENER DIODE	1	MAZ30620M
D608,09	MA152K	DIODE	2	MA3X152K
D615	MA152K	DIODE	1	MA3X152K
D650	MA3140M	ZENER DIODE	1	MAZ31400M
D651	MA152K	DIODE	1	MA3X152K
D654	M1FS4	DIODE	1	
D655	MA3120M	ZENER DIODE	1	MAZ31200M
D656	MA152K	DIODE	1	MA3X152K
D657,58	D1FL40F4063	DIODE	2	B0ECHP000001
D659	MA3120M	ZENER DIODE	1	MAZ31200M
D730	MA152K	DIODE	1	MA3X152K
D731-33	D1FL40F4063	DIODE	3	B0ECHP000001
D734	MA152K	DIODE	1	MA3X152K
D735	MA3300L	ZENER DIODE	1	MAZ33000L
D736	D1FL40F4063	DIODE	1	B0ECHP000001
D737	M1FS4	DIODE	1	
D738	D1FL40F4063	DIODE	1	B0ECHP000001
D739	MA3300L	ZENER DIODE	1	MAZ33000L
D740	D1FL40F4063	DIODE	1	B0ECHP000001
D741	MA3039H	ZENER DIODE	1	MAZ30390H
D742	MA3120M	ZENER DIODE	1	MAZ31200M
D750	MA3047H	ZENER DIODE	1	
D751,52	MA152K	DIODE	2	MA3X152K
D753	MA3033L	ZENER DIODE	1	MAZ30330L
D775,76	MA152K	DIODE	2	MA3X152K
D777	MA3039H	ZENER DIODE	1	MAZ30390H
D900	ERZV10V621P2	VARISTOR	1	
D951,52	MA111	DIODE	2	MA2J111
D953	B0JCPD000010	DIODE	1	
D1001	MA111	DIODE	1	MA2J111
D2301-04	M1FS4	DIODE	4	
D2305,06	RU4AM	DIODE	2	
D2307	MA111	DIODE	1	MA2J111
D2308	MA152WK	DIODE	1	MA3X152E
D3001	MA111	DIODE	1	MA2J111
D3002	M1FS4	DIODE	1	
D3351,52	MA153	DIODE	2	MA3X153
D3501-04	MA3056M	ZENER DIODE	4	MAZ30560M
D3505,06	MA153	DIODE	2	MA3X153
D3507	MA111	DIODE	1	MA2J111
D6401-03	MA8056H	ZENER DIODE	3	
D6405	D1FL40F4063	DIODE	1	B0ECHP000001
D6406,07	MA8056H	ZENER DIODE	2	
D6451	M1FL20UF4063	DIODE	1	B0HCMM000009
D6452,53	MA111	DIODE	2	MA2J111
D6454	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6455	MA111	DIODE	1	MA2J111
D6456,57	M1FL20UF4063	DIODE	2	B0HCMM000009
D6460,61	EC8FS6	DIODE	2	
D6465	MA8051L	ZENER DIODE	1	
D6466	MA8330M	ZENER DIODE	1	
D6467	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6468	MA111	DIODE	1	MA2J111
D6469	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6470	MA111	DIODE	1	MA2J111
D6471	M1FL20UF4063	DIODE	1	B0HCMM000009
D6472,73	MA111	DIODE	2	MA2J111
D6474	TLP621GR	PHOTO COUPLER	1	B3PAA0000150
D6475	MA111	DIODE	1	MA2J111
D6476	D1FL40F4063	DIODE	1	B0ECHP000001
D6478	EC8FS6	DIODE	1	
D6491,92	D1FL40F4063	DIODE	2	B0ECHP000001
D6495	EC8FS6	DIODE	1	
D6501-06	K7GBZEE00002	PHOTO COUPLER	6	
D6508	K7GBZEE00002	PHOTO COUPLER	1	
D6509	MA111	DIODE	1	MA2J111
D6511	M1FL20UF4063	DIODE	1	B0HCMM000009
D6512-14	MA111	DIODE	3	MA2J111
D6521	D1FL40F4063	DIODE	1	B0ECHP000001
D6522	MA111	DIODE	1	MA2J111
D6524	MA8051L	ZENER DIODE	1	
D6525	MA111	DIODE	1	MA2J111
D6526	D1FL40F4063	DIODE	1	B0ECHP000001
D6527	MA111	DIODE	1	MA2J111
D6529,30	MA8051L	ZENER DIODE	2	
D6541	EC8FS6	DIODE	1	
D6542	MA111	DIODE	1	MA2J111
D6543	MA8051L	ZENER DIODE	1	
D6544	MA111	DIODE	1	MA2J111
D6545	MA8051L	ZENER DIODE	1	
D6546-48	MA8330M	ZENER DIODE	3	
D6549,50	MA111	DIODE	2	MA2J111
D6551,52	MA8051L	ZENER DIODE	2	
D6570	M1FL20UF4063	DIODE	1	B0HCMM000009
D6572	D1FL40F4063	DIODE	1	B0ECHP000001
D6582	MA8051L	ZENER DIODE	1	
D6583	LNJ201LPQJA	LED	1	
D6584	MA111	DIODE	1	MA2J111
D6585,86	MA8330M	ZENER DIODE	2	
D6611-14	M1FS4	DIODE	4	
D6615	D1FL40F4063	DIODE	1	B0ECHP000001
D6620-22	SF20LC30F10	DIODE	3	
D6624-33	B0HBSM000031	DIODE	10	
D6635	MA8051L	ZENER DIODE	1	
D6636	MA111	DIODE	1	MA2J111
D6640	D1FL40F4063	DIODE	1	B0ECHP000001
D6641,42	M1FS4	DIODE	2	
D6645-47	D1FL40F4063	DIODE	3	B0ECHP000001
D6671,72	M1FL20UF4063	DIODE	2	B0HCMM000009
D6673	D1FL40F4063	DIODE	1	B0ECHP000001
D6711-14	M1FS4	DIODE	4	
D6715	D1FL40F4063	DIODE	1	B0ECHP000001
D6720-22	SF20LC30F10	DIODE	3	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
D6724-33	B0HBSM000031	DIODE	10	
D6735	MA8051L	ZENER DIODE	1	
D6736	MA111	DIODE	1	MA2J111
D6740,41	D1FL40F4063	DIODE	2	B0ECHP000001
D6750,51	D1FL40F4063	DIODE	2	B0ECHP000001
D6752,53	M1FS4	DIODE	2	
D6754	D1FL40F4063	DIODE	1	B0ECHP000001
D6755	M1FS4	DIODE	1	
D6756	TMPG10G3	DIODE	1	B0BA01000046
D6760	MA111	DIODE	1	MA2J111
D6761	MA8051L	ZENER DIODE	1	
D6763	MA8051L	ZENER DIODE	1	
D6764	MA111	DIODE	1	MA2J111
D6765	LNJ201LPQJA	LED	1	
D6766,67	MA8330M	ZENER DIODE	2	
D8001,02	MA111	DIODE	2	MA2J111
D9012,13	MA3062M	ZENER DIODE	2	MAZ30620M
D9015,16	MA3062M	ZENER DIODE	2	MAZ30620M
D9018	MA3062M	ZENER DIODE	1	MAZ30620M
D9022,23	MA3062M	ZENER DIODE	2	MAZ30620M
D9035	MA3036H	ZENER DIODE	1	MAZ30360H
D9200-02	MA152K	DIODE	3	MA3X152K
D9700	MA152K	DIODE	1	MA3X152K
D9705	MA3062M	ZENER DIODE	1	MAZ30620M
D9706	MA152K	DIODE	1	MA3X152K
D9720	MA3062M	ZENER DIODE	1	MAZ30620M
F1	TJS3A9630	CONNECTOR	1	K1KA03A00183
F9	TJS3A9630	CONNECTOR	1	K1KA03A00183
F900-1,-2	EYF-52BC	FUSE HOLDER	2	
F901-1,-2	EYF-52BC	FUSE HOLDER	2	
H1	K1KB50B00030	CONNECTOR	1	
H2	K1KB40B00015	CONNECTOR	1	
H37	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
HX1	K1KB40B00015	CONNECTOR	1	
IC401	AN7715F	LINEAR IC	1	
IC402	AN7718F	LINEAR IC	1	
IC403	MIP0210SY1TV	IC (LOGIC)	1	
IC406	UPC1093J	LINEAR IC	1	C0DAEMC00002
IC407	AN77L05	LINEAR IC	1	
IC409	PQ30RV21A	LINEAR IC	1	C0DAEZH00008
IC410	PQ05RF1B	LINEAR IC	1	C0DAZHG00013
IC411	SI-8050S	HYBRID IC	1	C0DAAHH00013
IC412	UPC1093J	LINEAR IC	1	C0DAEMC00002
IC464	UPC1093J	LINEAR IC	1	C0DAEMC00002
IC600	IR2117	IC	1	C0ZBZ0000373
IC601	M51997P	LINEAR IC	1	C0CAALC00004
IC602	UC3715N	IC	1	C0DACHA00002
IC603	UPC1093J	LINEAR IC	1	C0DAEMC00002
IC650	AN8026	LINEAR IC	1	
IC735	MC33262P	IC	1	C0DAZZZ00013
IC736	AN6913	LINEAR IC	1	AN6913-NT
IC737	AN78L05	LINEAR IC	1	
IC750	AN6912	LINEAR IC	1	
IC775	AN6912	LINEAR IC	1	
IC951	C0DBAZH00006	IC	1	
IC1001	TC7SH32F	IC	1	C0JBAE000191
IC1002	C2BBFE000106	IC	1	
IC1003	M51957BFP	LINEAR IC	1	C0EBB0000024
IC1004	C1DB00000274	IC	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC2301,02	TDA7480	LINEAR IC	2	C1AA00000561
IC2304	PQ09SZ1T	IC	1	C0CBAHG00005
IC2401	BH3865S	LINEAR IC	1	C1BA00000302
IC3001	C1AB00001139	IC	1	
IC3002,03	MC14052BF	MOS IC (CMOS GATE ARRLY)	2	C0JBAR000021
IC3004	CXA1315M	LINEAR IC	1	C1AB00000440
IC3006	PQ09SZ1T	IC	1	C0CBAHG00005
IC3007,08	PQ12SZ1T	IC	2	C0CBAKG00003
IC3009	AHC2G66HDCTR	INTEGRATED CIRCUIT	1	C0JBAS000109
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3302	AD8055ART	IC	1	C0ABGB000001
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3501	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAZ001265
IC3502	TVRJ598	IC	1	C3EBCC000020
IC3515	MAX202CSE	IC	1	C0ZBZ0000205
IC3699	TVRJ593	ROM IC (EEPROM 16KBIT)	1	C3EAGC000012
IC3801	MM1065ZMR	LINEAR IC	1	C0CBABB00029
IC3802	C0EBE0000066	IC	1	
IC3803	TVSA0367	IC	1	C3ABMG000064
IC3804	C1AB00001494	IC	1	
IC3805,06	MM1065ZMR	LINEAR IC	2	C0CBABB00029
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC6401-08	AN8447GHK-V	LINEAR IC	8	
IC6451	AN1431M	LINEAR IC	1	
IC6452,53	AN78L15M	LINEAR IC	2	
IC6454	AN78L05M	LINEAR IC	1	
IC6471,72	AN1431M	LINEAR IC	2	
IC6491	AN1431M	LINEAR IC	1	
IC6501,02	TC74HC14AF	IC	2	C0JBAB000155
IC6511	C0ZBZ0000561	IC	1	
IC6521	C0ZBZ0000561	IC	1	
IC6541,42	C0ZBZ0000561	IC	2	
IC6581	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6601-03	AN8176SV	LINEAR IC	3	
IC6605,06	TC74HC244AF	IC	2	C0JBAZ001599
IC6701,02	AN8176SV	LINEAR IC	2	
IC6703,04	C0ZBZ0000561	IC	2	
IC6705	NJM2903M	INTEGRATED CIRCUIT	1	C0BBBA000019
IC6706	TC74HC244AF	IC	1	C0JBAZ001599
IC6711	AN1431M	LINEAR IC	1	
IC7101	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7201	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7301	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC7401	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC8001	M52036SP	LINEAR IC	1	C1AA00000392
IC8002	TC74HC14AF	IC	1	C0JBAB000155
IC8003	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9000-02	AD8055ART	IC	3	C0ABGB000001
IC9003	PQ09SZ1T	IC	1	C0CBAHG00005
IC9004-06	M52055FP	LINEAR IC	3	C1AB00000735
IC9007-09	C0FBAD000053	IC	3	
IC9010	PQ12SZ1T	IC	1	C0CBAKG00003
IC9012	PQ09SZ1T	IC	1	C0CBAHG00005
IC9013	CXA1315M	LINEAR IC	1	C1AB00000440
IC9014	PQ07VZ012ZP	IC	1	C0DBEZG00004
IC9018	PQ07VZ012ZP	IC	1	C0DBEZG00004

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC9019-21	C0ABZA000031	IC	3	
IC9200,01	MNX7320DV10	IC	2	
IC9202	CXA1315M	LINEAR IC	1	C1AB00000440
IC9204	MN84503	MOS IC	1	
IC9206	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9207	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC9209	MNX7320DV10	IC	1	
IC9211	TLC2932IPWL	LINEAR IC	1	C0ABFA000011
IC9212	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9213,14	AN78L05M	LINEAR IC	2	
IC9215	TLC2933IPWL	INTEGRATED CIRCUIT	1	C0ABFA000012
IC9216	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
IC9217	AN78L05M	LINEAR IC	1	
IC9223	C0JBAB000468	IC	1	
IC9302	MN82860	MOS IC	1	
IC9400	MN84502	MOS IC	1	
IC9401	TVRJ606	ROM IC	1	
IC9402,03	MNX7320DV10	IC	2	
IC9501	MN7E007P5B	MOS IC	1	
IC9502,03	MNX7320DV10	IC	2	
IC9506,07	MNX7320DV10	IC	2	
IC9508,09	MN7D029P5A	MOS IC	2	
IC9510,11	TC74ACT244F	INTEGRATED CIRCUIT	2	C0JBAZ000448
IC9512,13	MN7D029P5A	MOS IC	2	
IC9514,15	TC74ACT244F	INTEGRATED CIRCUIT	2	C0JBAZ000448
IC9516	C0ZBZ0000268	IC	1	
IC9701	MN102L230	IC	1	
IC9702	HM538123BJ8Z	IC	1	C3HAHC000006
IC9703	MN1382R	MOS IC (MICON LSI)	1	MN1382-R
IC9704	TC74ACT244F	INTEGRATED CIRCUIT	1	C0JBAZ000448
IC9705	TVRJ562	ROM IC	1	
IC9706	TVRJ602	INTEGRATED CIRCUIT	1	C3EBGC000018
IC9707	M51957BFP	LINEAR IC	1	C0EBB0000024
IC9801	C0ZBZ0000551	IC	1	
IC9802-04	TC74LCX574F	MOS IC (CMOS S/LOGIC)	3	C0JBAF000218
IC9900	C0JBAZ001486	IC	1	
IC9901	C3DAZZ000001	INTEGRATED CIRCUIT	1	
IC9901S	TJSB01108	IC SOCKET	1	
IC9901	TVRJ563	ROM IC	1	
IC9902	TC74HCU04AF	MOS IC (CMOS S/LOGIC)	1	C0JBAB000159
IC9903-05	TC74ACT244F	INTEGRATED CIRCUIT	3	C0JBAZ000448
IC9906	C0EBE0000066	IC	1	
IC9907	C0ZBZ0000423	IC	1	
J1	K1KA50B00064	CONNECTOR	1	
J2,J3	K1KA40B00076	CONNECTOR	2	
J6	TJS1A8820	6P CONNECTOR	1	K1KA06A00220
J8	K1KA14B00088	CONNECTOR	1	
J9	K1KA40A00140	CONNECTOR	1	
J10	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
J11	TJS1A8090	PHONO PIN (3P)	1	K1KA03B00045
J13	K1KA07B00051	CONNECTOR	1	
J14	TJS3A8580	10P CONNECTOR	1	K1KA10B00148
J3001	TJS1A8130	PHONO PIN (7P)	1	K1KA07B00026
J3002	TJS1A8100	PHONO PIN (4P)	1	K1KA04B00056
JK3300	K2HA204B0097	JACK	1	Y VERSION
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K1QBB2AB0005	CONNECTOR	1	Y VERSION
JK3303	K2HA204B0097	JACK	1	
JK3304	K1QBB5AB0003	CONNECTOR	1	Y VERSION

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
JK3305	K2HA306B0049	JACK	1	Z VERSION
JK3306	K2HA306B0048	JACK	1	Z VERSION
JK3307	K2HA204B0097	JACK	1	Z VERSION
JK3308	K2HA204B0096	JACK	1	Z VERSION
JK3509	TJS4A8390	CONNECTOR	1	K1FB109B0058
JK3511	TJS8A9880	CONNECTOR	1	K1FB115B0034
JK3513	K2HC103B0105	JACK	1	
JK8500	K4BC02B00013	TERMINAL	1	
JS1	ERDS2TC0	C 0 OHM, 1/4W	1	
JS1	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS24	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
JS2301	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
JS3001-06	ERJ3GEY0R00	M 0 OHM, 1/16W	6	
JS8019	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
L401	TLPF102	CHOKE COIL	1	G4D5A0000007
L402	ELF11M010E	LINE FILTER	1	⚠
L403	ELEXH100KA	PEAKING COIL	1	
L404	G0ZZ00001922	COIL	1	G0ZZ00002014
L410	EXCELSA39	BEAD CHOKE	1	
L412,13	EXCELSA39	BEAD CHOKE	2	
L414	EXCELDR25C	BEAD CHOKE	1	
L416	TLPF075	CHOKE COIL	1	G0A221G00004
L901	G0A143K00001	LINE CHOKE COIL	1	⚠
L902,03	TLPD048	LINE FILTER	2	⚠
L951	G0A2R2J00002	LINE CHOKE COIL	1	
L952	G1C100M00023	INDUCTOR COIL	1	
L953	TALL08N1R0NA	INDUCTION COIL	1	G0A1R0JA0003
L1001,02	ELJPA100KB	CHIP INDUCTOR	2	
L2301,02	ELC10E680	LC FILTER	2	
L2303,04	EXCELDR35C	BEAD CHOKE	2	
L2306	ELJPA100KB	CHIP INDUCTOR	1	
L2401	ELJPA100KB	CHIP INDUCTOR	1	
L3001-07	ELJPA100KB	CHIP INDUCTOR	7	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3507-09	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3510-13	TLK212T256AL	EMI FILTER	4	J0HAAB000012
L3525,26	ELJPA100KB	CHIP INDUCTOR	2	
L3530	ELJPA100KB	CHIP INDUCTOR	1	
L3555	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
L6451,52	TSKA122	CHIP INDUCTOR	2	J0JJC0000011
L6471	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6472	TSKA158	BEAD CORE	1	G0ZZ00001935
L6601	G0A471F00002	LINE CHOKE COIL	1	
L6602	TSKA158	BEAD CORE	1	G0ZZ00001935
L6604,05	TSKA158	BEAD CORE	2	G0ZZ00001935
L6606	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6611-16	TALL13N1R8MB	INDUCTION COIL	6	G0A1R8J00001
L6618	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6620-45	TSKA158	BEAD CORE	26	G0ZZ00001935
L6647,48	TSKA122	CHIP INDUCTOR	2	J0JJC0000011
L6701	G0A471F00002	LINE CHOKE COIL	1	
L6702-04	TSKA158	BEAD CORE	3	G0ZZ00001935
L6705	TALL08N101KA	INDUCTION COIL	1	G0A101EA0008
L6711-16	TALL13N1R8MB	INDUCTION COIL	6	G0A1R8J00001
L6718	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6720-45	TSKA158	BEAD CORE	26	G0ZZ00001935
L6747	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L6750	TSKA158	BEAD CORE	1	G0ZZ00001935
L7101-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L7201-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L7206	TSKA122	CHIP INDUCTOR	1	J0JJC0000011
L7302-06	TSKA122	CHIP INDUCTOR	5	J0JJC0000011
L7401-04	TSKA122	CHIP INDUCTOR	4	J0JJC0000011
L8001-03	ELJPA100KB	CHIP INDUCTOR	3	
L8501,02	TLPD061	LINE FILTER	2	G0A2R5H00003
L9005	EXCCL3225U1	EMI FILTER	1	
L9008	EXCCL3225U1	EMI FILTER	1	
L9013-15	EXCCL3225U1	EMI FILTER	3	
L9201	EXCCL3225U1	EMI FILTER	1	
L9206	EXCCL3225U1	EMI FILTER	1	
L9507	ELJPA100KB	CHIP INDUCTOR	1	
L9901	ELJPA150KB	CHIP INDUCTOR	1	
L9902	ELKE103FA	NOISE FILTER	1	
LC3805	ELB4B578	LC FILTER	1	
LC9004	ELKE103FA	NOISE FILTER	1	
LC9006-08	ELKE103FA	NOISE FILTER	3	
LC9012-14	ELKE103FA	NOISE FILTER	3	
LC9015	J0E8004B0006	LCR FILTER	1	
LC9016	J0E1505B0002	LCR FILTER	1	
LC9017	J0E2505B0001	LCR FILTER	1	
LC9019	J0E8004B0006	LCR FILTER	1	
LC9020	J0E1505B0002	LCR FILTER	1	
LC9021	J0E2505B0001	LCR FILTER	1	
LC9023	J0E8004B0006	LCR FILTER	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
LC9024	J0E1505B0002	LCR FILTER	1	
LC9025	J0E2505B0001	LCR FILTER	1	
LC9500-02	ELKE103FA	NOISE FILTER	3	
LC9801-03	ELKE103FA	NOISE FILTER	3	
P1	TJS3A9680	7P CONNECTOR	1	K1KA07A00095
P2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
P4	K1KA02A00104	CONNECTOR	1	
P5	K1KA04A00242	CONNECTOR	1	
P7	TJS1A8850	9P CONNECTOR	1	K1KA09A00099
P9	K1KA02A00244	CONNECTOR	1	
P10	TJS1A8810	5P CONNECTOR	1	K1KA05A00177
P12	K1KA05A00139	CONNECTOR	1	
P13	K1KA07A00056	CONNECTOR	1	
P14	K1KA10A00259	CONNECTOR	1	
P15A	TJS5A8850	13P CONNECTOR	1	K1KA13B00025
P15	TJS6A8600	13P CONNECTOR	1	
P16A	TJS5A8160	CONNECTOR	1	K1KA08B00119
P16	TJS5A9420	8P CONNECTOR	1	K1KB08A00054
P18	K1KA10A00212	CONNECTOR	1	
P18A	TJS5A8520	10P CONNECTOR	1	K1KA10B00095
P19	K1KA11A00056	CONNECTOR	1	
P19A	TJS5A8830	11P CONNECTOR	1	K1KA11B00024
P21A	TJS5A8150	9P CONNECTOR	1	K1KA09B00020
P21	TJS6A8570	9P CONNECTOR	1	K1KB09A00027
P22A	TJS5A8160	CONNECTOR	1	K1KA08B00119
P22	TJS5A9420	8P CONNECTOR	1	K1KB08A00054
P23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
Q082	2SD601A	TRANSISTOR	1	2SD0601A
Q401	2SB1434R	TRANSISTOR	1	2SB14340RA
Q402	2SK3318000LB	FET	1	
Q404	2SK3318000LB	FET	1	
Q405	2SD2177R	TRANSISTOR	1	
Q406	2SB1434R	TRANSISTOR	1	2SB14340RA
Q407	2SK3318000LB	FET	1	
Q408	B1DEGR000011	FET	1	
Q409	2SC3311A	TRANSISTOR	1	2SC3311AW
Q410	2SK2847	FET	1	B1DEFU000002
Q410	2SK2847	FET	1	B1DEFU000002
Q412,13	2SC3311A	TRANSISTOR	2	2SC3311AW
Q414	2SA1309A	TRANSISTOR	1	
Q415	2SC3311A	TRANSISTOR	1	2SC3311AW
Q416	2SA1309A	TRANSISTOR	1	
Q417,18	2SC3311A	TRANSISTOR	2	2SC3311AW
Q419	2SK1917	FET	1	
Q420	2SC1473A	TRANSISTOR	1	2SC1473AE
Q421	2SC3311A	TRANSISTOR	1	2SC3311AW
Q422	2SD2177R	TRANSISTOR	1	
Q423	2SC3311A	TRANSISTOR	1	2SC3311AW
Q464	2SC1473A	TRANSISTOR	1	2SC1473AE
Q465	2SK1917	FET	1	
Q600	2SC1473A	TRANSISTOR	1	2SC1473AE
Q601	2SC3311A	TRANSISTOR	1	2SC3311AW
Q602	2SD2177R	TRANSISTOR	1	
Q603	2SB1434R	TRANSISTOR	1	2SB14340RA
Q604	2SA1309A	TRANSISTOR	1	
Q650,51	2SC3311A	TRANSISTOR	2	2SC3311AW
Q730	2SB1030A	TRANSISTOR	1	
Q750	2SC3311A	TRANSISTOR	1	2SC3311AW
Q751	2SA1309A	TRANSISTOR	1	
Q775	2SC3311A	TRANSISTOR	1	2SC3311AW
Q776	2SA1309A	TRANSISTOR	1	
Q951	2SD601A	TRANSISTOR	1	2SD0601A
Q1001-03	2SD601A	TRANSISTOR	3	2SD0601A
Q1004,05	2SB709A	TRANSISTOR	2	2SB0709A
Q2301-06	2SD601A	TRANSISTOR	6	2SD0601A
Q2406	2SD601A	TRANSISTOR	1	2SD0601A
Q2408	2SD601A	TRANSISTOR	1	2SD0601A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q2410	2SD601A	TRANSISTOR	1	2SD0601A
Q3001	2SC2480	TRANSISTOR	1	
Q3002	2SB709A	TRANSISTOR	1	2SB0709A
Q3003	2SC2480	TRANSISTOR	1	
Q3004	2SB709A	TRANSISTOR	1	2SB0709A
Q3005	2SC2480	TRANSISTOR	1	
Q3006,07	2SB709A	TRANSISTOR	2	2SB0709A
Q3008	2SC2480	TRANSISTOR	1	
Q3009	2SB709A	TRANSISTOR	1	2SB0709A
Q3010	2SC2480	TRANSISTOR	1	
Q3011	2SB709A	TRANSISTOR	1	2SB0709A
Q3012	2SC2480	TRANSISTOR	1	
Q3085,86	2SB709A	TRANSISTOR	2	2SB0709A
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507 02	2SB709A	TRANSISTOR	1	2SB0709A
Q3507	2SD601A	TRANSISTOR	1	2SD0601A
Q3508 02	2SB709A	TRANSISTOR	1	2SB0709A
Q3508	2SD601A	TRANSISTOR	1	2SD0601A
Q3509 02	2SB709A	TRANSISTOR	1	2SB0709A
Q3509	2SD601A	TRANSISTOR	1	2SD0601A
Q3513	2SD601A	TRANSISTOR	1	2SD0601A
Q3514	2SB709A	TRANSISTOR	1	2SB0709A
Q3515	2SD601A	TRANSISTOR	1	2SD0601A
Q3516	2SB709A	TRANSISTOR	1	2SB0709A
Q3531,32	2SD601A	TRANSISTOR	2	2SD0601A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
Q6401	2SK620	FET	1	2SK0620
Q6451	2SD2185	TRANSISTOR	1	
Q6452	2SB709A	TRANSISTOR	1	2SB0709A
Q6453	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6454	2SD814A	TRANSISTOR	1	
Q6471	2SD2185	TRANSISTOR	1	
Q6472	2SB709A	TRANSISTOR	1	2SB0709A
Q6474	2SD814A	TRANSISTOR	1	
Q6476,77	2SD601A	TRANSISTOR	2	2SD0601A
Q6491,92	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6511,12	2SK326800L	FET	2	
Q6520	2SD601A	TRANSISTOR	1	2SD0601A
Q6521	FS7VS14AT11	FET	1	
Q6522-29	2SK2993	FET	8	
Q6530	2SB1073001TV	TRANSISTOR	1	
Q6541	2SB1073001TV	TRANSISTOR	1	
Q6542-49	B1DFJM000001	TRANSISTOR	8	
Q6550	2SC1473A	TRANSISTOR	1	2SC1473AE
Q6551	2SD601A	TRANSISTOR	1	2SD0601A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q6552	FS7VS14AT11	FET	1	
Q6553	2SB1073001TV	TRANSISTOR	1	
Q6555,56	FS7VS14AT11	FET	2	
Q6581	2SD601A	TRANSISTOR	1	2SD0601A
Q6601-08	2SK3192000SQ	FET	8	2SK3192000LB
Q6611	2SD2185	TRANSISTOR	1	
Q6612	2SB1073001TV	TRANSISTOR	1	
Q6613	2SD2185	TRANSISTOR	1	
Q6614	2SB1073001TV	TRANSISTOR	1	
Q6621-26	2SK3192000SQ	FET	6	
Q6627	2SD2185	TRANSISTOR	1	
Q6628	2SB1073001TV	TRANSISTOR	1	
Q6629	2SD2185	TRANSISTOR	1	
Q6630	2SB1073001TV	TRANSISTOR	1	
Q6641,42	B1DFJM000001	TRANSISTOR	2	
Q6645	2SD2185	TRANSISTOR	1	
Q6646	2SB1073001TV	TRANSISTOR	1	
Q6650	2SD601A	TRANSISTOR	1	2SD0601A
Q6671	2SB940A	TRANSISTOR	1	2SB0940AJ
Q6701-08	2SK3192000SQ	FET	8	2SK3192000LB
Q6711	2SD2185	TRANSISTOR	1	
Q6712	2SB1073001TV	TRANSISTOR	1	
Q6713	2SD2185	TRANSISTOR	1	
Q6714	2SB1073001TV	TRANSISTOR	1	
Q6721-26	2SK3192000SQ	FET	6	
Q6727	2SD2185	TRANSISTOR	1	
Q6728	2SB1073001TV	TRANSISTOR	1	
Q6729	2SD2185	TRANSISTOR	1	
Q6730	2SB1073001TV	TRANSISTOR	1	
Q6741,42	B1DFJM000001	TRANSISTOR	2	
Q6743	2SD2185	TRANSISTOR	1	
Q6744	2SB1073001TV	TRANSISTOR	1	
Q6745,46	2SK326800L	FET	2	
Q6751	2SD1263A	TRANSISTOR	1	
Q6752,53	2SC1473A	TRANSISTOR	2	2SC1473AE
Q6755,56	2SD601A	TRANSISTOR	2	2SD0601A
Q7301,02	2SB709A	TRANSISTOR	2	2SB0709A
Q8021	2SD601A	TRANSISTOR	1	2SD0601A
Q8030	2SD601A	TRANSISTOR	1	2SD0601A
Q9001-03	2SD601A	TRANSISTOR	3	2SD0601A
Q9005-07	2SD601A	TRANSISTOR	3	2SD0601A
Q9009-11	2SD601A	TRANSISTOR	3	2SD0601A
Q9013	2SD601A	TRANSISTOR	1	2SD0601A
Q9200	2SD601A	TRANSISTOR	1	2SD0601A
Q9202	2SK620	FET	1	2SK0620
Q9700	2SD601A	TRANSISTOR	1	2SD0601A
Q9702	2SD601A	TRANSISTOR	1	2SD0601A
Q9703-05	2SK620	FET	3	2SK0620
Q9706	2SD601A	TRANSISTOR	1	2SD0601A
Q9801	2SD601A	TRANSISTOR	1	2SD0601A
R081	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R082	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R083	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R084	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R087	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R088	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R402	ERDS1FJ222	C 2.2KOHM, J,1/2W	1	
R403-06	TARAFR06R8JC	F 6.8 OHM, J, 7W	4	
R407,08	ERDS1FJ824	C 820KOHM, J,1/2W	2	
R409,10	ERG3FJS333D	M 33KOHM, J, 3W	2	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R411	ERDS1FJ221	C 220 OHM, J,1/2W	1	
R412	ERG2FJS220D	M 22 OHM, J, 2W	1	
R415	ERDS1FJ100	C 10 OHM, J,1/2W	1	
R416	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R417	ERDS1FJ100	C 10 OHM, J,1/2W	1	
R418	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R419	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R420	ERDS1FJ103	C 10KOHM, J,1/2W	1	
R421	ERF5EKR10	W 0.1 OHM, 5W	1	
R422	ERF5EKR15	W0.15 OHM, 5W	1	
R423	ERDS1FJ101	C 100 OHM, J,1/2W	1	
R424,25	ERG2FJS823D	M 82KOHM, J, 3W	2	
R426	EVMEASA00B24	CONTROL 20KOHMB 0.3W	1	
R427	ER0S2CKF1823	M 182KOHM, F,1/4W	1	EROS2CKF1823
R428	ER0S2CKF1503	M 150KOHM, F,1/4W	1	
R429	ER0S2CKF1823	M 182KOHM, F,1/4W	1	EROS2CKF1823
R430	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R431	ER0S2CKF1623	M 162KOHM, F,1/4W	1	
R432	ERDS1FJ220	C 22 OHM, J,1/2W	1	
R433	ER0S2CKF1823	M 182KOHM, F,1/4W	1	EROS2CKF1823
R434	ER0S2CKF1623	M 162KOHM, F,1/4W	1	
R435,36	ERDS1FJ103	C 10KOHM, J,1/2W	2	
R437	ERDS1FJ331	C 330 OHM, J,1/2W	1	
R438	ERG2FJS820D	M 82 OHM, J, 2W	1	
R439	ERX2FJS2R7D	M 2.7 OHM, J, 2W	1	
R440	ERX2FJSR22D	M0.22 OHM, J, 2W	1	
R441,42	ERG5FJ473H	M 47KOHM, J, 5W	2	
R443	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R444	ERX2FJSR22D	M0.22 OHM, J, 2W	1	
R445	ERG3FJS823D	M 82KOHM, J, 3W	1	
R446	ERG1FJS104D	M 100KOHM, J, 1W	1	
R447	ERG3FJS823D	M 82KOHM, J, 3W	1	
R449	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R450	ERX2FJSR33D	M0.33 OHM, J, 2W	1	
R451	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R452	ERX2FJSR33D	M0.33 OHM, J, 2W	1	
R453	ERDS2TJ561	C 560 OHM, J,1/4W	1	
R454	ERDS2TJ6R8	C 6.8 OHM, J,1/4W	1	
R455	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R458	ERQ14AJ221P	F 220 OHM, J,1/4W	1	
R460	ERG2FJS823D	M 82KOHM, J, 3W	1	
R461	ERG2FJS183D	M 18KOHM, J, 2W	1	
R462	ERDS1TJ221	C 220 OHM, J,1/2W	1	
R463	ERG2FJS183D	M 18KOHM, J, 2W	1	
R465	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R466	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R467	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R468	ERDS1TJ391	C 390 OHM, J,1/2W	1	
R469	ERG3FJS823D	M 82KOHM, J, 3W	1	
R470	ERDS2TJ101	C 100 OHM, J,1/4W	1	
R471	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R472,73	ERDS2TJ104	C 100KOHM, J,1/4W	2	
R474,75	ERG2FJS471D	M 470 OHM, J, 2W	2	
R476	ER0S2CKF1102	M 11KOHM, F,1/4W	1	
R477	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R478	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	
R479	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R480	ERG2FJS472D	M 82KOHM, J, 3W	1	
R482	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R483	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R484	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R485	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R486	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R487	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R492	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R493	ERG3FJS103D	M 10KOHM, J, 3W	1	
R494	ER0S2CKF4221	M4.22KOHM, F,1/4W	1	
R495	ER0S2CKF3830	M 383 OHM, F,1/4W	1	
R496	ER0S2CKF5602	M 56KOHM, F,1/4W	1	EROS2CKF5602
R497	ER0S2CKF6492	M64.9KOHM, F,1/4W	1	
R498	EVMEASA00B54	CONTROL 50KOHMB 0.3W	1	
R499	ERDS2TJ272	C 2.7KOHM, J,1/4W	1	
R500	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R501	ER0S2CKF2551	M2.55KOHM, F,1/4W	1	
R502	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R503,04	ERDS2TJ103	C 10KOHM, J,1/4W	2	
R505	ERG1FJS683D	M 68KOHM, J, 1W	1	
R506	ERDS2TJ223	C 22KOHM, J,1/4W	1	
R508	ERDS2TJ470	C 47 OHM, J,1/4W	1	
R511	ERDS2TJ104	C 100KOHM, J,1/4W	1	
R512	ERDS2TJ472	C 4.7KOHM, J,1/4W	1	
R513	ERDS2TJ511	C 510 OHM, J,1/4W	1	
R514	ERDS2TJ220	C 22 OHM, J,1/4W	1	
R516	ERDS2TJ332	C 3.3KOHM, J,1/4W	1	
R518	ER0S2CKF5602	M 56KOHM, F,1/4W	1	EROS2CKF5602
R519	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R520	ER0S2CKF2491	M2.49KOHM, F,1/4W	1	EROS2CKF2491
R524	ERQ14AJ100P	F 10 OHM, J,1/4W	1	
R530	ERQ14AJ100P	F 10 OHM, J,1/4W	1	
R531	ERDS2TJ102	C 1KOHM, J,1/4W	1	
R532	ERG3FJS101D	M 100 OHM, J, 3W	1	
R533	ERDS2TJ560	C 56 OHM, J,1/4W	1	
R534	ERDS2TJ562	C 5.6KOHM, J,1/4W	1	
R535	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R536	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R537	ERDS2TJ103	C 10KOHM, J,1/4W	1	
R538	ERDS2TJ473	C 47KOHM, J,1/4W	1	
R600,01	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R602	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R603	ERJ6ENF1800	M 180 OHM, 1/10W	1	
R604	ERJ6ENF3902	M 39KOHM, 1/10W	1	
R605	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R606	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R607	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R608	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R609	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R610	ERJ6GEYJ273	M 27KOHM,J,1/10W	1	
R611	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R613	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R614	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R615	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R616	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R617	ERD25FJ102	C 1KOHM, J,1/4W	1	
R619	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R621	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R622	ERJ6ENF6811	M6.81KOHM, 1/10W	1	
R624	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R625	EVMEGSA00B54	CONTROL 50KOHMB	1	
R626	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R627	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R628	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R629	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R631	ERJ6ENF2491	M2.49KOHM, 1/10W	1	
R632	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R633,34	ERJ6GEYJ823	M 82KOHM,J,1/10W	2	
R635	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R636	ERD25FJ221	C 220 OHM, J,1/4W	1	
R637	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R638	ERD25FJ221	C 220 OHM, J,1/4W	1	
R640	ERJ6ENF2000	M 200 OHM, 1/10W	1	
R650	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R651	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R652,53	ERJ6GEYJ333	M 33KOHM,J,1/10W	2	
R654	ERG1FJS561D	M 560 OHM, J, 1W	1	
R655	ERD25FJ471	C 470 OHM, J,1/4W	1	
R656	ERJ6GEYJ303	M 30KOHM,J,1/10W	1	
R657	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R658	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R659	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R661	ERD25FJ822	C 8.2KOHM, J,1/4W	1	
R662	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R663	ERX12SJ4R7	M 4.7 OHM, J,1/2W	1	
R664	ERX1FJS8R2D	M 8.2 OHM, J, 1W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R665	ERG1FJS100D	M 10 OHM, J, 1W	1	
R666	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R667	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R668,69	ERJ6GEYJ303	M 30KOHM,J,1/10W	2	
R700	ERJ6GEYJ391	M 390 OHM,J,1/10W	1	
R701	ERD25FJ330	C 33 OHM, J,1/4W	1	ERD25FVJ330T
R703	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R704	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R705	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R706	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R707	ERJ6GEYJ125	M 1.2KOHM,J,1/10W	1	
R708	ERJ6GEYJ241	M 240 OHM,J,1/10W	1	
R709	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R710	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R711	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R712	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R713,14	ERJ6ENF1501	M 1.5KOHM, 1/10W	2	
R715	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R716	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R717	ERJ6ENF6201	M 6.2KOHM, 1/10W	1	
R718,19	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R720	ERD25FJ472	C 4.7KOHM, J,1/4W	1	
R721	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R722	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R750	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R751	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R752	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R753	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R754	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R755	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R756	ERJ6ENF1913	M19.1KOHM, 1/10W	1	
R758	ERJ6GEYJ154	M 150KOHM,J,1/10W	1	
R759	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R760	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R761	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R762	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R763	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R764	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R765	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R766	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R767	ERJ6ENF2003	M 200KOHM, 1/10W	1	
R768	ERJ6ENF6192	M61.9KOHM, 1/10W	1	
R769,70	ERJ6ENF1003	M 100KOHM, 1/10W	2	
R775,76	ERD25FJ223	C 22KOHM, J,1/4W	2	
R777	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R778	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R779-82	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R783	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R784	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R785,86	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R787	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R788	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R789	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R900,01	ERC12ZGK105	S 1MOHM, K,1/2W	2	
R951	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R952	ERJ6GEYJ105	M 1MOHM,J,1/10W	1	
R953	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R954	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R955	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R956	ERJ6GEYJ220	M 22 OHM,J,1/10W	1	
R957-59	ERX12ZJR15	M0.15 OHM, J,1/2W	3	ERX12SZJR15
R960	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R961	ERJ6ENF2201	M 2.2KOHM, 1/10W	1	
R1001-04	EXB38V330J	RESISTOR ARRAY	4	
R1006-08	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R1009-11	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R1012,13	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R1014-18	ERJ6GEYJ103	M 10KOHM,J,1/10W	5	
R1019	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1020,21	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1022	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1023-25	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R1026	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1027	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1028	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1029,30	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1031	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1032-35	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R1036	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1037	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1038	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1039	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1040	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1041-45	ERJ6GEYJ103	M 10KOHM,J,1/10W	5	
R1046	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1047	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1048-52	ERJ6GEYJ101	M 100 OHM,J,1/10W	5	
R1053	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1054	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1055,56	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1057	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R1058	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R1059	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R1060,61	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R1062	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1063	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1064	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1065	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1066	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R1067	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1068	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R1069	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R1070	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R1071	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R1072	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R1554,55	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	2	
R2301	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2304	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2305,06	ERJ6GEYJ223	M 22KOHM,J,1/10W	2	
R2307	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2308	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2309	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2310	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	1	
R2319,20	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2321	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2322,23	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R2324,25	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R2326	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2327	ERJ6GEYJ752	M 7.5KOHM,J,1/10W	1	
R2328	ERJ6GEYJ683	M 68KOHM,J,1/10W	1	
R2329,30	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	2	
R2331	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2332	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2333	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2334	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2335,36	ERJ6GEYJ123	M 12KOHM,J,1/10W	2	
R2341	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2342	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2343	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2344	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R2345	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R2346	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2347	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2348	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2408	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2410	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2431	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2434	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2438	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2439	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2440	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2441	ERJ6GEYJ123	M 12KOHM,J,1/10W	1	
R2445	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R2448	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2450	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R2452	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R2453	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2456	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R2457	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R2460	ERJ6ENF1802	M 18KOHM, 1/10W	1	
R2461,62	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R2463	ERJ6ENF1502	M 15KOHM, 1/10W	1	
R2464	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R2466	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2467	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R2468	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2469	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R2470	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2471	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2472	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R2473	ERJ6GEYJ182	M 1.8KOHM,J,1/10W	1	
R2476,77	ERJ6GEYJ220	M 22 OHM,J,1/10W	2	
R2480	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2481,82	ERJ6GEYJ153	M 15KOHM,J,1/10W	2	
R2483	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R2484	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3001-04	ERJ6GEYJ560	M 56 OHM,J,1/10W	4	
R3007	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3009-15	ERJ6GEYJ560	M 56 OHM,J,1/10W	7	
R3016-21	ERJ6GEY0R00	M 0 OHM,J,1/10W	6	
R3022,23	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	2	
R3024-29	ERJ6GEY0R00	M 0 OHM,J,1/10W	6	
R3030,31	ERJ6GEYJ562	M 5.6KOHM,J,1/10W	2	
R3032,33	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3034,35	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R3042,43	ERG3FJ330H	M 33 OHM, J, 3W	2	
R3045	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3046	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3047	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3048-50	ERJ8ENF75R0	M 75 OHM, 1/8W	3	
R3051-53	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3054-59	ERJ6GEYJ101	M 100 OHM,J,1/10W	6	
R3060-63	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	4	
R3064,65	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3066	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R3067,68	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3069	ERJ6GEYJ122	M 1.2KOHM,J,1/10W	1	
R3070,71	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3075-77	ERJ6GEYJ121	M 120 OHM,J,1/10W	3	
R3087,88	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3101-08	ERJ6GEYJ334	M 330KOHM,J,1/10W	8	
R3301,02	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3400	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508 02	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3509 02	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3509	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3510	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3511 02	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3511	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3513,14	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3526-28	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3529,30	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535,36	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R3537	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3537 02	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3538 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3538	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3540 02	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3540	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3547	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3548 02	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R3548	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3577	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3578	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3579	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3580	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3581	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3582	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3585,86	ERJ6GEYJ560	M 56 OHM,J,1/10W	2	
R3589	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3590	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3595-97	ERJ6GEYJ102	M 1KOHM,J,1/10W	3	
R3599	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3603,04	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3611-14	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	4	
R3626-29	ERJ6GEYJ3R3	M 3.3KOHM,J,1/10W	4	
R3653	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3654	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3655	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R3656	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R3663,64	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R3668	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3672	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3755,56	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3764-66	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R3776,77	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R3778	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3845	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	ERJ3GEY0R00

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3867-69	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	ERJ3GEYJ820	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6401-08	ERJ6GEYJ221	M 220 OHM,J,1/10W	8	
R6410,11	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6412	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6413	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6420-23	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6425-28	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R6429	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6451,52	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	2	
R6453	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6454	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R6455	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6456	ERJ6ENF1003	M 100KOHM, 1/10W	1	
R6457,58	ERJ6ENF3321	M3.32KOHM, 1/10W	2	
R6459-61	ERJ6GEYJ104	M 100KOHM,J,1/10W	3	
R6462	ERJ6GEYJ333	M 33KOHM,J,1/10W	1	
R6463	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6465	ERX1FJS8R2D	M 8.2 OHM, J, 1W	1	
R6466	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6467	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6468	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6469	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6470	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6471,72	ERJ6GEYJ822	M 8.2KOHM,J,1/10W	2	
R6473	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6474	ERJ6GEYJ221	M 220 OHM,J,1/10W	1	
R6475	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6476	ERJ6GEYJ274	M 270KOHM,J,1/10W	1	
R6477	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6478	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6479,80	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6481	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6482	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6483	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6484-86	ERJ6GEYJ103	M 10KOHM,J,1/10W	3	
R6487	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6488,89	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6491	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6492,93	ERJ6ENF2203	M 220KOHM, 1/10W	2	
R6494	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6497	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6498,99	ERX1FJS8R2D	M 8.2 OHM, J, 1W	2	
R6500-02	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6503	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6504-06	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R6508	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6509	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6511	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6512	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6513	ERX2FJS2R2D	M 2.2 OHM, J, 2W	1	
R6514	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6515	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6516	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6517	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6518	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6521	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6522	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6523	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6524	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6525	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6526	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6527,28	ERJ6GEYJ102	M 1KOHM,J,1/10W	2	
R6529	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6530-37	ERJ6GEYJ470	M 47 OHM,J,1/10W	8	
R6538	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R6539	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6540	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6541	ERJ6GEYJ470	M 47 OHM,J,1/10W	1	
R6542-49	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	8	
R6550	ERG1FJS332D	M 3.3KOHM, J, 1W	1	
R6551-53	ERJ6ENF1003	M 100KOHM, 1/10W	3	
R6554	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R6555	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6556	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R6557	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6558	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6559	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R6560,61	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6563,64	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	2	
R6565-68	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6570	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6571-76	ERJ6GEYJ471	M 470 OHM,J,1/10W	6	
R6578	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6582,83	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6584	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6586	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6587	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6589,90	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6591	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6592,93	ERJ6GEYJ224	M 220KOHM,J,1/10W	2	
R6594	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6595,96	ERJ6ENF5231	M5.23KOHM, 1/10W	2	
R6605-07	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6611-18	ERJ6GEYJ100	M 10 OHM,J,1/10W	8	
R6619-22	ERJ6GEYJ470	M 47 OHM,J,1/10W	4	
R6623	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6624	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6625	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R6626	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6627,28	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6630-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	ERJ12YJ2R2H
R6636-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6641-52	ERJ6GEYJ100	M 10 OHM,J,1/10W	12	
R6653	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6654	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6655	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6656	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6657	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6658	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6659,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6661,62	ERJ6GEYJ470	M 47 OHM,J,1/10W	2	
R6665	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6666-68	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R6671	ERG3FJS821D	M 820 OHM, J, 3W	1	
R6672	ERJ6GEYJ5R6	M 5.6 OHM,J,1/10W	1	
R6673	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6674-76	ERJ6GEYJ473	M 47KOHM,J,1/10W	3	
R6678,79	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6680,81	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6682-85	ERJ6GEYJ471	M 470 OHM,J,1/10W	4	
R6686-89	ERJ6GEYJ473	M 47KOHM,J,1/10W	4	
R6690,91	ERJ6GEYJ471	M 470 OHM,J,1/10W	2	
R6692,93	ERJ6GEYJ473	M 47KOHM,J,1/10W	2	
R6694-96	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6697-99	ERJ6GEYJ473	M 47KOHM,J,1/10W	3	
R6701	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6711-18	ERJ6GEYJ100	M 10 OHM,J,1/10W	8	
R6719-22	ERJ6GEYJ470	M 47 OHM,J,1/10W	4	
R6723	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6724	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6725	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6726	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6727,28	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6730-35	ERJ12YJ2R2	M 2.2 OHM, J,1/2W	6	ERJ12YJ2R2H
R6736-39	ERJ12YJ1R0	M 1 OHM, J,1/2W	4	
R6741-52	ERJ6GEYJ100	M 10 OHM,J,1/10W	12	
R6753	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6754	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6755	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6756	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R6757	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6758	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6759,60	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6761	ERJ12YJ470	M 47 OHM, J,1/2W	1	ERJ12YJ470H
R6762-64	ERJ6GEYJ224	M 220KOHM,J,1/10W	3	
R6765	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6766-68	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6769,70	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6771,72	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6773	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6774	EVMEASA00B14	CONTROL 10KOHMB 0.3W	1	
R6777,78	ERX2FJSR22D	M0.22 OHM, J, 2W	2	
R6779,80	ERJ6GEYJ101	M 100 OHM,J,1/10W	2	
R6781	ERJ6GEYJ100	M 10 OHM,J,1/10W	1	
R6783	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R6784	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R6785-88	ERJ6GEYJ101	M 100 OHM,J,1/10W	4	
R6790	ERJ6GEYJ471	M 470 OHM,J,1/10W	1	
R6791	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R6801-03	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6804-06	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6807-09	ERJ6GEYJ471	M 470 OHM,J,1/10W	3	
R6810-12	ERJ6GEYJ223	M 22KOHM,J,1/10W	3	
R6818,19	ERJ6GEYJ104	M 100KOHM,J,1/10W	2	
R6820	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R6821	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R6823	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R6824,25	ERJ6GEYJ103	M 10KOHM,J,1/10W	2	
R6826	ERJ6GEYJ152	M 1.5KOHM,J,1/10W	1	
R7101	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7102	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7103-05	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7107-09	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7131	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R7201	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7202	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7203-10	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7211	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R7303	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7305-12	ERJ14YJ220	M 22 OHM, J,1/4W	8	
R7313-16	ERJ6GEYJ103	M 10KOHM,J,1/10W	4	
R7317	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7318	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R7403	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R7405-07	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7409-11	ERJ14YJ220	M 22 OHM, J,1/4W	3	
R7412	ERJ6GEYJ224	M 220KOHM,J,1/10W	1	
R7421	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R8002	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R8003	ERJ6GEYJ153	M 15KOHM,J,1/10W	1	
R8004	ERJ6GEYJ271	M 270 OHM,J,1/10W	1	
R8006,07	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R8008	ERJ6GEYJ681	M 680 OHM,J,1/10W	1	
R8009	ERJ6GEYJ332	M 3.3KOHM,J,1/10W	1	
R8010	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	1	
R8012	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8013	ERJ6GEYJ104	M 100KOHM,J,1/10W	1	
R8015	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8017-19	ERJ6GEYJ101	M 100 OHM,J,1/10W	3	
R8021,22	ERJ6GEYJ331	M 330 OHM,J,1/10W	2	
R8023,24	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R8025	ERJ6GEYJ183	M 18KOHM,J,1/10W	1	
R8026	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8027	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R8028-30	ERJ6GEYJ222	M 2.2KOHM,J,1/10W	3	
R8031	ERJ6GEYJ563	M 56KOHM,J,1/10W	1	
R8032	ERJ6GEYJ223	M 22KOHM,J,1/10W	1	
R8033	ERJ6GEYJ330	M 33 OHM,J,1/10W	1	
R8035	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R8036	EXB38V330J	RESISTOR ARRAY	1	
R9006-11	ERJ6ENF1500	M 150 OHM, 1/10W	6	
R9012	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9013	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R9014	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9015	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R9016	ERJ6ENF5111	M5.11KOHM, 1/10W	1	
R9017	ERJ6ENF1801	M 1.8KOHM, 1/10W	1	
R9018	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9019	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9020	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9021	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9022	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9023	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R9024-26	ERJ6ENF8200	M 820 OHM, 1/10W	3	
R9027-29	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9031-33	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9035-37	ERJ3GEYJ181	M 180 OHM,J,1/16W	3	
R9039-47	ERJ3GEYJ102	M 1KOHM,J,1/16W	9	
R9049,50	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9051-53	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9055-57	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9059-61	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9063-65	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9067-69	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9071-73	ERJ6ENF1801	M 1.8KOHM, 1/10W	3	
R9078-80	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9082-84	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9086-88	ERJ6ENF1800	M 180 OHM, 1/10W	3	
R9091-93	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9095-97	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9099-01	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R9103-05	ERJ6ENF5100	M 510 OHM, 1/10W	3	
R9106	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9107	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9108	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9109	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9110	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9111	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9112	ERJ6ENF2550	M 255 OHM, 1/10W	1	
R9113	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9114	ERJ6ENF1431	M1.43KOHM, 1/10W	1	
R9115,16	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9118	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9120-25	ERJ3GEYJ221	M 220 OHM,J,1/16W	6	
R9126	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9127	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R9128	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9131	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9132-34	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	3	
R9136-38	ERJ6ENF2701	M 2.7KOHM, 1/10W	3	
R9140	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9141	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9142	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9144	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9145,46	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9152-54	ERJ3GEYJ471	M 470 OHM,J,1/16W	3	
R9156	ERJ3GEYJ822	M 8.2KOHM,J,1/16W	1	
R9157	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9158	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R9159-62	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R9163	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R9164,65	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9166	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9167	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9168	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9169	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9171	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9172	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9173	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9174-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R9178	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9179-83	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
R9185	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9186	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9187	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9188-90	ERJ3GEYJ223	M 22KOHM,J,1/16W	3	
R9191-93	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9194-96	ERJ3GEYJ273	M 27KOHM,J,1/16W	3	
R9200,01	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9202,03	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9204,05	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9206,07	ERJ3GEYJ560	M 56 OHM,J,1/16W	2	
R9208-11	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9212	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9213	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9215	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9216	ERJ6ENF6201	M 6.2KOHM, 1/10W	1	
R9217	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9218	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R9220,21	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9222	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9225	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9226,27	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9228	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9229	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9230-35	ERJ3GEYJ103	M 10KOHM,J,1/16W	6	
R9236	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9237	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9238,39	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9240	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9241	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9242	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9243	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9244	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9245	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9246,47	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9248	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9249	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9250,51	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	2	
R9252	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9253	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9255	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9256	ERJ3GEYJ681	M 680 OHM,J,1/16W	1	
R9258	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9259	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9260	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9261,62	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9263,64	ERJ3GEYJ330	M 33 OHM,J,1/16W	2	D0GB330JA006
R9269	ERJ3GEYJ684	M 680KOHM,J,1/16W	1	D0GB684JA002
R9270	ERJ3GEYJ271	M 270 OHM,J,1/16W	1	
R9274	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9277	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9279	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9282,83	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9284	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9285,86	ERJ3GEYJ100	M 10 OHM,J,1/16W	2	
R9287	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9288	ERJ3GEYJ684	M 680KOHM,J,1/16W	1	D0GB684JA002
R9289	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9290	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9291	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9292	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R9293	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9294,95	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9296	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9297,98	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9307	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9308	ERJ3GEYJ100	M 10 OHM,J,1/16W	1	
R9309,10	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9313	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9333,34	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9341,42	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9347,48	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9350,51	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9397	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9398	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9399	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9400	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9403	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9404	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9405	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9406-08	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9409,10	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R9411,12	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9416,17	EXB38V103J	RESISTOR ARRAY	2	
R9423,24	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9505	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9506-08	ERJ3GEYJ220	M 22 OHM,J,1/16W	3	
R9511-14	ERJ3GEY0R00	M 0 OHM, 1/16W	4	
R9517-20	ERJ3GEY0R00	M 0 OHM, 1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9521-23	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R9528,29	EXB38V470J	RESISTOR ARRAY	2	
R9530	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9531-46	EXB38V470J	RESISTOR ARRAY	16	
R9547,48	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9549	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9550	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9551,52	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9553	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9554	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9555,56	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9561,62	EXB38V470J	RESISTOR ARRAY	2	
R9567-88	EXB38V470J	RESISTOR ARRAY	22	
R9589	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9590,91	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9592	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9593	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9594,95	ERJ3GEYJ151	M 150 OHM,J,1/16W	2	
R9596	ERJ3GEYJ470	M 47 OHM,J,1/16W	1	D0GB470JA006
R9597	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9598,99	ERJ3GEYJ470	M 47 OHM,J,1/16W	2	D0GB470JA006
R9601-08	EXB38V103J	RESISTOR ARRAY	8	
R9609-24	ERJ3GEYJ103	M 10KOHM,J,1/16W	16	
R9626-30	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R9636,37	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9641	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9646	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9647	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9648	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9649	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9700	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9701	ERJ6ENF2402	M 24KOHM, 1/10W	1	
R9702,03	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9704	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9705	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9706,07	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9708	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9711	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9712,13	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9714-16	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R9717	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9718	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9719	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9720	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9721,22	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9724,25	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9726	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9727	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9728	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9729	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9730	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9731	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9732	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9733-36	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R9737-40	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R9741	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R9742	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9743	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9744-47	ERJ3GEYJ102	M 1KOHM,J,1/16W	4	
R9749	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9750,51	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R9752,53	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9754	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9755,56	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R9757	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9761	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9762	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9763	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9765	ERJ3GEYJ560	M 56 OHM,J,1/16W	1	
R9767	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9768	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9769	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R9770	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R9771	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	1	
R9772	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9776,77	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9778	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9779	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9782	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9783	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R9784,85	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9786	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9788,89	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R9790	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9791	ERJ3GEYJ473	M 47KOHM,J,1/16W	1	
R9792,93	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9794	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9801,02	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9803-07	ERJ3GEYJ101	M 100 OHM,J,1/16W	5	D0GB101JA002
R9808	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9809,10	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9811	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9850	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9851,52	ERJ3GEYJ562	M 5.6KOHM,J,1/16W	2	
R9862	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9865	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9870	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9871	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R9872,73	ERJ3GEY0R00	M 0 OHM, 1/16W	2	
R9874,75	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R9876	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9877	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9880	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9885	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9887	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9889	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9891	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9902	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9903,04	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9905	ERJ3GEYJ330	M 33 OHM,J,1/16W	1	D0GB330JA006
R9907	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9917	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9919	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9928	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9933	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9937	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R9940	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R9944-46	ERJ3GEY0R00	M 0 OHM, 1/16W	3	
R9947	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R9948	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R9951	ERJ3GEYJ105	M 1MOHM,J,1/16W	1	
R9955	EXB38V151J	RESISTOR ARRAY	1	
R9959	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R9960,61	EXB38V151J	RESISTOR ARRAY	2	
R9962-65	EXB38V103J	RESISTOR ARRAY	4	
R9966,67	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R9968	EXB38V151J	RESISTOR ARRAY	1	
R9969	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R9972	EXB38V151J	RESISTOR ARRAY	1	
R9976	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R9977-79	ERJ3GEYJ103	M 10KOHM,J,1/16W	3	
R9980	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
RD1	TJS3A9640	3P CONNECTOR	1	K1KA03A00171
RL401	TSEH0005	RELAY	1	K6B1AGA00042 ⚠
RL402	TSE10801	RELAY	1	K6B2AGA00017 ⚠
RM001	PNA4601M05TV	REMOCO RECEIVER	1	
RTL	TNPA2253	CIRCUIT BOARD C1	1	⚠
RTL	TNPA2254	CIRCUIT BOARD C2	1	⚠
RTL	TNPA2255	CIRCUIT BOARD C3	1	⚠
RTL	TNPA2256	CIRCUIT BOARD C4	1	⚠
RTL	TNPA2259	CIRCUIT BOARD SU	1	⚠
RTL	TNPA2260	CIRCUIT BOARD SD	1	⚠
RTL	TNPA2249	CIRCUIT BOARD H3	1	⚠
RTL	TXN/F1JASE	CIRCUIT BOARD F	1	⚠
RTL	TNPA2244	CIRCUIT BOARD J	1	⚠
RTL	TZTNP01JASE	CIRCUIT BOARD D	1	PWD4 SERIES ⚠
RTL	TZTNP01JCSE	CIRCUIT BOARD D	1	PW4 SERIES ⚠
RTL	TXNP11JASE	CIRCUIT BOARD P1	1	⚠
RTL	TNPA1777	CIRCUIT BOARD P3	1	⚠
RTL	TNPA1778	CIRCUIT BOARD P5	1	⚠
RTL	TNPA1779	CIRCUIT BOARD P6	1	⚠
RTL	TNPA1780	CIRCUIT BOARD P7	1	⚠
RTL	TNPA1781	CIRCUIT BOARD P8	1	⚠
RTL	TNPA2261	CIRCUIT BOARD SC	1	⚠
RTL	TNPA2262	CIRCUIT BOARD SS	1	⚠
RTL	TNPA2263	CIRCUIT BOARD SS2	1	⚠
RTL	TNPA2264	CIRCUIT BOARD SS3	1	⚠
RTL	TNPA2283	CIRCUIT BOARD S1	1	⚠
RTL	TNPA2282	CIRCUIT BOARD V1	1	⚠
RTL	TNPA2246	CIRCUIT BOARD HX	1	⚠
RTL	TNPA2245	CIRCUIT BOARD HY	1	Y VERSION ⚠
RTL	TNPA2248	CIRCUIT BOARD HZ	1	Z VERSION ⚠
S061	TSE4GD0001	POWER SWITCH	1	
S701	EVQRDSL12	SWITCH	1	
S1554-56	EVQPBD05R	SWITCH	3	
SC2	TJS3A9670	6P CONNECTOR	1	K1KA06A00179
SC20	K1KA10A00266	CONNECTOR	1	
SC21	K1KA08A00232	8P CONNECTOR	1	
SC23	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SC41-44	K1KB40B00015	CONNECTOR	4	
SD1-D3	K1MN80B00001	1P CONNECTOR	3	
SS11	TJS3A9680	7P CONNECTOR	1	K1KA07A00095

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
SS12	K1KA05A00139	CONNECTOR	1	
SS22	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS33	TJS1A8870	11P CONNECTOR	1	K1KA11A00073
SS34	TJS1A8790	3P CONNECTOR	1	K1KA03A00213
SS40	K1KB07A00037	CONNECTOR	1	
SS41-46	TJSF41013	13P CONNECTOR	6	K1MN13B00020
SS47	K1KB07A00037	CONNECTOR	1	
SS48,49	K1KA07A00170	CONNECTOR	2	
SU1-U3	K1MN80B00001	1P CONNECTOR	3	
T400	G4D4A0000012	SWITCHING TRANS	1	
T401	ETS42BN163AD	SWITCHING TRANS	1	
T402	ETS25AD186AG	SWITCHING TRANS	1	
T6451	ETE19K130AY	TRANS	1	
T6471	ETE19K130AY	TRANS	1	
V34	K1KA08B00005	8P CONNECTOR	1	
X1001	TSSA120	CRYSTAL	1	H0J327200038
X1002	H0J921400003	CRYSTAL	1	
X3801	TSSA148	CRYSTAL	1	H0J202500002
X9500	H1A8405B0001	CRYSTAL	1	
X9701	TSSA081	CRYSTAL	1	H0J245500024
X9900	TSS9038-B	CRYSTAL	1	H0J200500016

16.4. Option (TY-42TM4H) Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3451-54	TCUY1C105ZFN	C 1UF, 16V	4	F1J1C1050006
C3455,56	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3457,58	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3459	EEVHB1C470	E 47UF, 16V	1	
C3460	ECJ2VF1E104Z	C 0.1UF, Z, 25V	1	
C3461,62	EEVHB1C470	E 47UF, 16V	2	
C3463,64	ECJ2VF1C104Z	C 0.1UF, Z, 16V	2	
C3465,66	EEVHB1C470	E 47UF, 16V	2	
C3467	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3468	EEVHB1C470	E 47UF, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
D3451,52	MA153	DIODE	2	MA3X153
H1	K1KB50B00030	CONNECTOR	1	
H2	K1KB40B00015	CONNECTOR	1	
IC3451	MAX202CSE	IC	1	
IC3699	TVRJ594	ROM IC (EEPROM 16KBIT)	1	C3EAGC000012
JK3311	K1FB126B0014	CONNECTOR	1	
L3451-54	TLK212T256AL	EMI FILTER	4	J0HAAB000012
L3455-57	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3458-60	ELJPA100KB	CHIP INDUCTOR	3	
Q3451-54	2SD601A	TRANSISTOR	4	2SD0601A
Q3455	2SB709A	TRANSISTOR	1	2SB0709A
Q3456,57	2SD601A	TRANSISTOR	2	2SD0601A
Q3458	2SB709A	TRANSISTOR	1	2SB0709A
Q3459	2SD601A	TRANSISTOR	1	2SD0601A
R3451-54	ERJ3GEYJ560	M 56 OHM,J,1/16W	4	
R3455,56	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3457,58	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3459-61	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3462	ERJ6GEYJ560	M 56 OHM,J,1/10W	1	
R3463,64	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3465-68	ERJ3GEYJ333	M 33KOHM,J,1/16W	4	
R3469-71	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3472	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3473	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3474	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3475	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3476,77	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3478	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3479,80	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3481	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3482	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3483,84	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3485	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3486	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3487,88	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3489	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3490	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3491,92	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3493	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3494	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3495	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3496,97	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3498	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3499	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3521,22	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
RTL	TXN/H10JKS	CIRCUIT BOARD	1	
		MISCELLANEOUS		
	THEA068N	SCREW	2	
	XTV3+10J	SCREW	1	
	XYN3+F8	SCREW	4	
	TPCB13105	CARTON BOX	1	
	TPDF0726	PARTITION	1	
	TPEH161	AIR MAT	1	
	TBMU181	TUNER SHEET	1	
	TQBC0283	INSTRUCTION BOOK	1	
	TQBC7058	SHEET	1	
	XZBT6506	POLY BAG	1	

16.5. Option (TY-42TM4Y) Replacement Parts List

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3501	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ2XB1H471K	C 470PF, K, 50V	1	
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	ECUX1H180JCV
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152P	E 1000UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3854	ECJ1VC1H080C	C 0.8PF, J, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152P	E 1000UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C3877	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
D3351,52	MA153	DIODE	2	MA3X153
H1	K1KB50B00030	CONNECTOR	1	
H2	K1KB40B00015	CONNECTOR	1	
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3302	AD8055ART	IC	1	C0ABGB000001
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3501	JLC1562BF	MOS IC (MICON LSI)	1	C0JBAZ001265

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3699	TVRJ593	ROM IC (EEPROM 16KBIT)	1	C3EAGC000012
IC3801	C0CBABB00029	IC	1	
IC3802	C0EBE0000066	IC	1	
IC3803	TVSA0367	IC	1	C3ABMG000064
IC3804	C1AB00001494	OR C1AB00001468	1	
IC3805,06	C0CBABB00029	IC	2	
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
JK3300	K2HA204B0097	JACK	1	
JK3301	K1CB106B0027	CONNECTOR	1	
JK3302	K1QBB2AB0005	CONNECTOR	1	
JK3303	K2HA204B0097	JACK	1	
JK3304	K1QBB5AB0003	CONNECTOR	1	
JS1-24	ERJ3GEY0R00	M 0 OHM, 1/16W	24	
JS28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
LC3805	ELB4B578	LC FILTER	1	
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507-09	2SB709A	TRANSISTOR	3	2SB0709A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
R3301,02	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3509	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3511	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3513,14	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535-37	ERJ6GEYJ331	M 330 OHM,J,1/10W	3	
R3538-40	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3548	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3845	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3867-69	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	ERJ3GEYJ820	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
RTL	TNPA2245	CIRCUIT BOAD	1	
X3801	TSSA148	CRYSTAL	1	H0J202500002
		MISCELLANEOUS		
	XTV3+10J	SCREW	5	
	XYN3+F8	SCREW	4	
	TPCB13101	CARTON BOX	1	
	TPDF0726	PARTITION	1	
	TPEH161	AIR MAT	1	
	TBMU180	BNC SHEET	1	
	TQBC0285	INSTRUCTION BOOK	1	
	XZBT6506	POLY BAG	1	

16.6. Option (TY-42TM4Z) Replacement Parts List

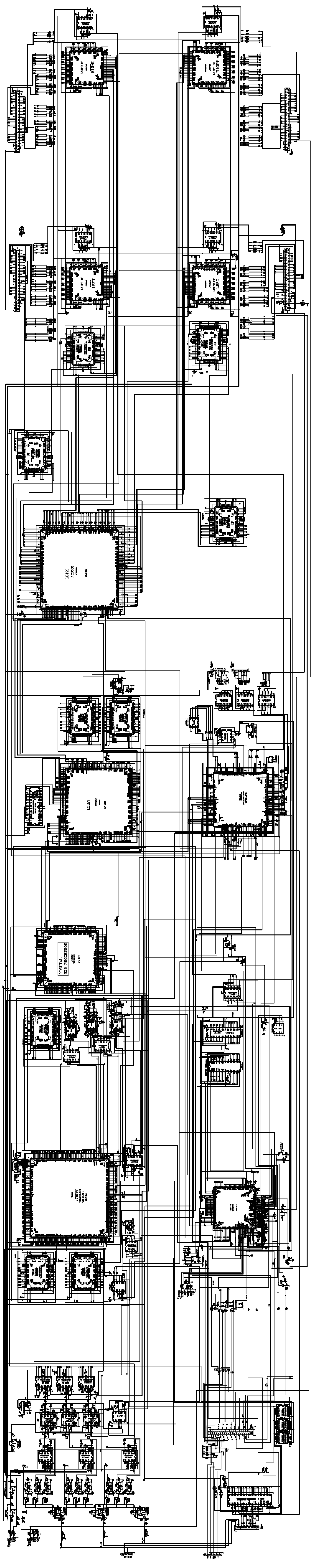
Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
C3301,02	ECJ2XB1E104K	C 0.1UF, K, 25V	2	
C3303,04	EEVHB1C470	E 47UF, 16V	2	
C3305	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3306,07	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3309	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3310	EEVHB1C470	E 47UF, 16V	1	
C3311	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3312,13	EEVHB1C470	E 47UF, 16V	2	
C3314	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3351,52	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3353-60	ECJ2VF1C105Z	C 1UF, Z, 16V	8	
C3361	EEVHB1C470	E 47UF, 16V	1	
C3362	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3363	EEVHB1C470	E 47UF, 16V	1	
C3364	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3365	ECJ2VF1H103Z	C 0.01UF, Z, 50V	1	
C3501	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3502	EEVHP1E220	E 22UF, 25V	1	
C3503,04	EEVHP1E100	E 10UF, 25V	2	
C3505	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3506	TCUY0J685MBM	C 6.8UF, 6.3V	1	F1K0J685A003
C3507	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3509-12	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3700	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3701	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3702	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3703	EEVHB1C470	E 47UF, 16V	1	
C3704	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3706	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3708	EEVHB0G221	E 220UF, 4V	1	
C3709	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3710-13	ECJ1VF1C104Z	C 0.1UF, Z, 16V	4	
C3714	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3715	EEVHB0G221	E 220UF, 4V	1	
C3716	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3717,18	EEVHB1C470	E 47UF, 16V	2	
C3723	EEVHB1C470	E 47UF, 16V	1	
C3726	ECJ2VF1C104Z	C 0.1UF, Z, 16V	1	
C3727,28	ECJ3XB0J106M	C 10UF, M,6.3V	2	
C3729	ECJ1XB1H471K	C 470PF, K, 50V	1	ECUM1H471KBN
C3801	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3802	EEVHB1C470	E 47UF, 16V	1	
C3803	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3804	ECJ1XC1H470J	C 47PF, J, 50V	1	
C3805	ECJ1XC1H220J	C 22PF, J, 50V	1	
C3806	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3808	EEVHP1E220	E 22UF, 25V	1	
C3809	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3810	EEVHB0J220	E 22UF 6.3V	1	
C3812	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3815	EEVHB1C470	E 47UF, 16V	1	
C3816	EEVHP1E100	E 10UF, 25V	1	
C3817	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3818	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3819	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3820	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3821	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3823	EEVHB0J101	E 100UF, 6.3V	1	EEVHB0J101P
C3824,25	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3826	ECJ1VF1C104Z	C 0.1UF, Z, 16V	1	
C3828,29	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3830,31	ECJ1XC1H180J	C 18PF, J, 50V	2	ECUX1H180JCV
C3832-34	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3835	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3836-38	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3840	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3841	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3842	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3843	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3844	EEVHB0J152P	E 1000UF, 6.3V	1	
C3845,46	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3848-50	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3852,53	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3854	ECJ1VC1H080C	C 0.8PF, J, 50V	1	
C3855-57	ECJ2VF1C105Z	C 1UF, Z, 16V	3	
C3858	EEVHB0G221	E 220UF, 4V	1	
C3859,60	EEVHB0J152P	E 1000UF, 6.3V	2	
C3861	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3862	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3863	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3864	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3865	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3866	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3867	ECJ1VF1H103Z	C 0.01UF, Z, 50V	1	
C3868	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3869	ECJ1XC1H330J	C 33PF, J, 50V	1	
C3870,71	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3872	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3873	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3874	ECJ1VB1H103K	C 0.01UF, K, 50V	1	
C3875	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3876	ECJ1VB1H102K	C 1000PF, K, 50V	1	
C3877	ECJ1VB1C104K	C 0.1UF, K, 16V	1	
C3878-83	ECJ2VF1C105Z	C 1UF, Z, 16V	6	
C3884	ECJ1VB1H153K	C 0.15UF, K, 50V	1	
C3885	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3886	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3887	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3888	ECJ1XC1H101J	C 100PF, J, 50V	1	
C3889	ECJ1VB1H472K	C 4700PF, K, 50V	1	
C3890	ECJ3XB0J106M	C 10UF, M,6.3V	1	
C3891,92	ECJ2VF1C105Z	C 1UF, Z, 16V	2	
C3893	TCUY0J335MBM	C 3.3UF, 6.3V	1	F1K0J335A003
C3894	EEVHB0G221	E 220UF, 4V	1	
C3896	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3897	ECJ1XC1H680J	C 68PF, J, 50V	1	ECUX1H680JCV
C3898	ECJ2VF1C105Z	C 1UF, Z, 16V	1	
C3899	ECJ1XC1H330J	C 33PF, J, 50V	1	
D3351,52	MA153	DIODE	2	MA3X153
H1	K1KB50B00030	CONNECTOR	1	
H2	K1KB40B00015	CONNECTOR	1	
IC3301	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3302	AD8055ART	IC	1	C0ABGB000001
IC3303	TC4W53F	MOS IC (CMOS S/LOGIC)	1	C0JBAR000225
IC3501	JLC1562BF	MOS IC (MICON LSI) *	1	C0JBAZ001265

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
IC3699	TVRJ595	ROM IC (EEPROM 16KBIT)	1	C3EAGC000012
IC3801	C0CBABB00029	IC	1	
IC3802	PST9128NR	IC	1	C0EBE0000066
IC3803	TVSA0367	IC	1	C3ABMG000064
IC3804	C1AB00001494	OR C1AB00001468	1	
IC3805,06	C0CBABB00029	IC	2	
IC3809	TC74LCX244F	MOS IC (CMOS S/LOGIC)	1	C0JBAZ001234
JK3301	K1CB106B0027	CONNECTOR	1	
JK3305	K2HA306B0048	JACK	1	
JK3306	K2HA306B0049	JACK	1	
JK3307	K2HA204B0097	JACK	1	
JK3308	K2HA204B0096	JACK	1	
JS1-24	ERJ3GEY0R00	M 0 OHM, 1/16W	24	
JS28-32	ERJ3GEY0R00	M 0 OHM, 1/16W	5	
JS35	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3301	TLK20LFA223M	EMI FILTER	1	J0HABB000003
L3302,03	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3304,05	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3306,07	ELJPA100KB	CHIP INDUCTOR	2	
L3351,52	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3353-55	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3356,57	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3358,59	ELJPA100KB	CHIP INDUCTOR	2	
L3501	ELJPA100KB	CHIP INDUCTOR	1	
L3801,02	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3803	G1C100KA0008	INDUCTOR COIL	1	
L3804	ERJ8GEY0R00	M 0 OHM, 1/8W	1	
L3806	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
L3807	TALC168T2R2K	CHIP INDUCTOR COIL	1	
L3808	G1C100KA0008	INDUCTOR COIL	1	
L3809	TALC325T4R7M	CHIP INDUCTOR COIL	1	
L3810,11	G1C100KA0008	INDUCTOR COIL	2	
L3813	TALC168T4R7K	CHIP INDUCTOR COIL	1	
L3814-16	G1C100KA0008	INDUCTOR COIL	3	
L3817-19	TLK20LFA224M	EMI FILTER	3	J0HABB000004
L3820,21	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3822-25	ELKE103FA	NOISE FILTER	4	
L3826,27	TLK20LFA224M	EMI FILTER	2	J0HABB000004
L3828,29	TLK20LFA223M	EMI FILTER	2	J0HABB000003
L3830	ELJPA100KB	CHIP INDUCTOR	1	
LC3805	ELB4B578	LC FILTER	1	
Q3301-09	2SD601A	TRANSISTOR	9	2SD0601A
Q3351,52	2SD601A	TRANSISTOR	2	2SD0601A
Q3353	2SB709A	TRANSISTOR	1	2SB0709A
Q3354-58	2SD601A	TRANSISTOR	5	2SD0601A
Q3359	2SB709A	TRANSISTOR	1	2SB0709A
Q3501-03	2SD601A	TRANSISTOR	3	2SD0601A
Q3507-09	2SB709A	TRANSISTOR	3	2SB0709A
Q3801,02	2SB709A	TRANSISTOR	2	2SB0709A

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
Q3803,04	2SD601A	TRANSISTOR	2	2SD0601A
Q3805-07	2SB709A	TRANSISTOR	3	2SB0709A
Q3808	2SD601A	TRANSISTOR	1	2SD0601A
Q3809	2SK198R	FET	1	2SK01980R
Q3810	2SD601A	TRANSISTOR	1	2SD0601A
Q3812,13	2SB709A	TRANSISTOR	2	2SB0709A
Q3815	2SB709A	TRANSISTOR	1	2SB0709A
Q3817	2SB709A	TRANSISTOR	1	2SB0709A
R3301	ERJ6ENF75R0	M 75 OHM, 1/10W	1	
R3303	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3304,05	ERJ6ENF75R0	M 75 OHM, 1/10W	2	
R3306	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3307	ERJ3GEYJ104	M 100KOHM,J,1/16W	1	
R3308	ERJ6GEYJ184	M 180KOHM,J,1/10W	1	
R3309	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3310	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3311	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3312	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3313	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3314	ERJ3GEYJ123	M 12KOHM,J,1/16W	1	
R3315	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3316-18	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3319-21	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3322	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3323	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
R3324	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3325-27	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3328-31	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3332,33	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3334	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3335	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3336	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3337	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3338,39	ERJ3GEYJ102	M 1KOHM,J,1/16W	2	
R3340	ERJ6ENF9310	M 931 OHM, 1/10W	1	
R3341	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3342	ERJ3GEYJ153	M 15KOHM,J,1/16W	1	
R3343	ERJ3GEYJ333	M 33KOHM,J,1/16W	1	
R3344	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3345	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3346-48	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3349,50	ERJ3GEYJ103	M 10KOHM,J,1/16W	2	
R3351,52	ERJ6GEYJ184	M 180KOHM,J,1/10W	2	
R3353-55	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3356,57	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	2	
R3358-61	ERJ3GEYJ101	M 100 OHM,J,1/16W	4	D0GB101JA002
R3362,63	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3364	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3365	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3366,67	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3368	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3369-72	ERJ3GEYJ103	M 10KOHM,J,1/16W	4	
R3373,74	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3375-77	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3378,79	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3380-82	ERJ3GEYJ102	M 1KOHM,J,1/16W	3	
R3383-85	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3386,87	ERJ3GEYJ104	M 100KOHM,J,1/16W	2	
R3388	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3389,90	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	2	
R3391	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3392	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3393,94	ERJ3GEYJ3R3	M 3.3 OHM,J,1/16W	2	
R3395	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3396	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3501-03	ERJ3GEYJ221	M 220 OHM,J,1/16W	3	
R3504	ERJ3GEYJ393	M 39KOHM,J,1/16W	1	
R3505	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3506	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3507	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3508	ERJ3GEYJ183	M 18KOHM,J,1/16W	1	
R3509	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3511	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3513,14	ERJ3GEYJ101	M 100 OHM,J,1/16W	2	D0GB101JA002
R3516,17	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3518-22	ERJ3GEYJ103	M 10KOHM,J,1/16W	5	
R3532-34	ERJ6GEY0R00	M 0 OHM,J,1/10W	3	
R3535-37	ERJ6GEYJ331	M 330 OHM,J,1/10W	3	
R3538-40	ERJ6ENF75R0	M 75 OHM, 1/10W	3	
R3541	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3548	ERJ6ENF7500	M 750 OHM, 1/10W	1	
R3549,50	ERJ6ENF1001	M 1KOHM, 1/10W	2	
R3801,02	ERJ3GEYJ221	M 220 OHM,J,1/16W	2	
R3803,04	ERJ6GEYJ561	M 560 OHM,J,1/10W	2	
R3805	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3806	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3808	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3809	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3810	ERJ6ENF1001	M 1KOHM, 1/10W	1	
R3811	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3812	ERJ6ENF3300	M 330 OHM, 1/10W	1	
R3813	ERJ6ENF6801	M 6.8KOHM, 1/10W	1	
R3814	ERJ6ENF1002	M 10KOHM, 1/10W	1	
R3815	ERJ6ENF2200	M 220 OHM, 1/10W	1	
R3816	ERJ6GEYJ331	M 330 OHM,J,1/10W	1	
R3817	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3818	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3819	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3820	ERJ6GEYJ561	M 560 OHM,J,1/10W	1	
R3821	ERJ3GEYJ222	M 2.2KOHM,J,1/16W	1	
R3822	ERJ3GEYJ682	M 6.8KOHM,J,1/16W	1	
R3823	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3824	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3825	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3826	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3827	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3828	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3829	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3830,31	ERJ3GEYJ220	M 22 OHM,J,1/16W	2	
R3832	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3833	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3834	ERJ6ENF47R0	M 47 OHM, 1/10W	1	
R3835	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	

Ref. No.	Part No.	Part Name & Description	Pcs	Remarks
R3836	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3837-40	EXB38V471J	RESISTOR ARRAY	4	
R3841	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3842	ERJ3GEYJ332	M 3.3KOHM,J,1/16W	1	
R3843	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3845	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3846	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3848	ERJ3GEYJ472	M 4.7KOHM,J,1/16W	1	
R3849	ERJ6ENF3000	M 300 OHM, 1/10W	1	
R3850	ERJ6ENF1500	M 150 OHM, 1/10W	1	
R3851	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3852	ERJ6ENF4701	M 4.7KOHM, 1/10W	1	
R3853	ERJ3GEYJ561	M 560 OHM,J,1/16W	1	
R3854	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3855	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3856	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3857	ERJ6ENF2701	M 2.7KOHM, 1/10W	1	
R3858	ERJ6ENF2400	M 240 OHM, 1/10W	1	
R3859	ERJ3GEYJ151	M 150 OHM,J,1/16W	1	
R3860	ERJ3GEYJ391	M 390 OHM,J,1/16W	1	D0GB391JA002
R3861	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	1	
R3862	ERJ3GEYJ331	M 330 OHM,J,1/16W	1	
R3863,64	ERJ3GEYJ272	M 2.7KOHM,J,1/16W	2	
R3865	ERJ3GEYJ221	M 220 OHM,J,1/16W	1	
R3866	ERJ3GEYJ220	M 22 OHM,J,1/16W	1	
R3867-69	ERJ3GEYJ101	M 100 OHM,J,1/16W	3	D0GB101JA002
R3870	ERJ3GEYJ823	M 82KOHM,J,1/16W	1	
R3871	ERJ3GEYJ103	M 10KOHM,J,1/16W	1	
R3872	ERJ3GEYJ680	M 68 OHM,J,1/16W	1	ERJ3GEYJ680V
R3873	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3874	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3875,76	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	2	
R3877	ERJ3GEYJ471	M 470 OHM,J,1/16W	1	
R3879	ERJ3GEYJ152	M 1.5KOHM,J,1/16W	1	
R3881	ERJ3GEYJ102	M 1KOHM,J,1/16W	1	
R3884-86	ERJ3GEYJ820	M 82 OHM,J,1/16W	3	D0GB820JA006
R3887	ERJ3GEYJ101	M 100 OHM,J,1/16W	1	D0GB101JA002
R3888	ERJ3GEY0R00	M 0 OHM, 1/16W	1	
R3890	ERJ6GEY0R00	M 0 OHM,J,1/10W	1	
R3891	ERJ6GEYJ101	M 100 OHM,J,1/10W	1	
R3892	ERJ6GEYJ473	M 47KOHM,J,1/10W	1	
R3893	ERJ6GEYJ102	M 1KOHM,J,1/10W	1	
R3894	ERJ6GEYJ103	M 10KOHM,J,1/10W	1	
R3895	ERJ6GEYJ472	M 4.7KOHM,J,1/10W	1	
RTL	TNPA2248	CIRCUIT BOAD	1	
X3801	TSSA148	CRYSTAL	1	H0J202500002
		MISCELLANEOUS		
	XTV3+10J	SCREW	4	
	XYN3+F8	SCREW	4	
	TPCB13102	CARTON BOX	1	
	TPDF0726	PARTITION	1	
	TPEH161	AIR MAT	1	
	TBMU182	RCA SHEET	1	
	TQBC0284	INSTRUCTION BOOK	1	
	XZBT6506	POLY BAG	1	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